



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

PGT Industries, Inc.
1070 Technology Drive
North Venice, FL 34275

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "HR2710MI" PVC Horizontal Rolling Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. 08-00883, titled Series "2/3LT HR2710MI PVC Horizontal Roller LMI", sheets 1 through 11 of 11, dated 10/27/09, with revision D, dated 05/20/15, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control Section Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved" and American Architectural Manufacturers Association Permanent Label Requirements, unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA No. 11-1114.11 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P. E.



MP
6/5/15

NOA No. 13-1125.03
Expiration Date: December 23, 2020
Approval Date: June 11, 2015
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS


1. Manufacturer's die drawings and sections.
2. Drawing No. **08-00883**, titled Series "2/3LT HR2710MI PVC Horizontal Roller LMI", sheets 1 through 11 of 11, dated 10/27/09, with revision **D** dated 05/20/15, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
5) Large Missile Impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of 2/3 LT HR-2710MI PVC horizontal roller window, XX configuration, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7517**, dated 10/07/13, signed and sealed by Marlin D. Brinson, P.E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
5) Large Missile Impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of 2/3 LT HR-2710MI/ HR-2810MI PVC horizontal roller window, XX configuration, prepared by National Certified Testing Laboratories, Test Reports No. **NCTL-210-3638-1**, **NCTL-210-3638-2**, **NCTL-210-3638-3**, **NCTL-210-3641-2** & **NCTL-210-3641-3**, dated 06/11-13/08 and 01/06/09, re-issued on 09/17/09 and revised on 05/05/10, all signed and sealed by Gerard J. Ferrara, P.E.
(Submitted under NOA No. 09-1210.06)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 05/22/15, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Glazing complies with **ASTM E1300-09**


Manuel Perez, P.E.
Product Control Examiner
NOA No. **13-1125.03**
Expiration Date: December 23, 2020
Approval Date: June 11, 2015

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. 13-0129.27 issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 04/11/13, expiring on 12/11/16.
2. Notice of Acceptance No. 11-0624.02 issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
3. Notice of Acceptance No. 10-1208.02 issued to L.B. Plastics, Inc. for their "**White Rigid PVC Exterior Extrusions**" dated 12/30/10, expiring on 12/30/15.
4. Notice of Acceptance No. 12-0420.01 issued to L.B. Plastics, Inc. for their "**Florida Bronze Color Laminated White Rigid PVC Exterior Extrusions**" dated 12/06/12, expiring on 12/30/15.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2010** and with **FBC 5th Edition (2014)**, dated 05/22/15, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P. E.
2. Statement letter of no financial interest and independence, dated 11/14/13, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
3. Laboratory compliance letters for Test Report No. **FTL-7517**, issued by Fenestration Testing Laboratory, Inc., dated 10/07/13, signed and sealed by Marlin D. Brinson, P.E.
4. Proposal issued by Product Control, dated 04/30/13, signed by Jaime D. Gascon, P.E.
5. Letter of *Adoption of as his Own, the Work of another Engineer* per Section 61G15-27.001 of the F.B.P.E., dated 10/07/11 signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under previous NOA No. 11-1114.11)
6. Laboratory compliance letters for Test Reports No. **NCTL-210-3638-1**, **NCTL-210-3638-2**, **NCTL-210-3638-3**, **NCTL-210-3641-2** & **NCTL-210-3641-3**, issued by National Certified Testing Laboratories, Inc., dated 06/11-13/08 and 01/06/09, re-issued on 09/17/09 and revised on 05/05/10, all signed and sealed by Gerard J. Ferrara, P.E.
(Submitted under NOA No. 09-1210.06)

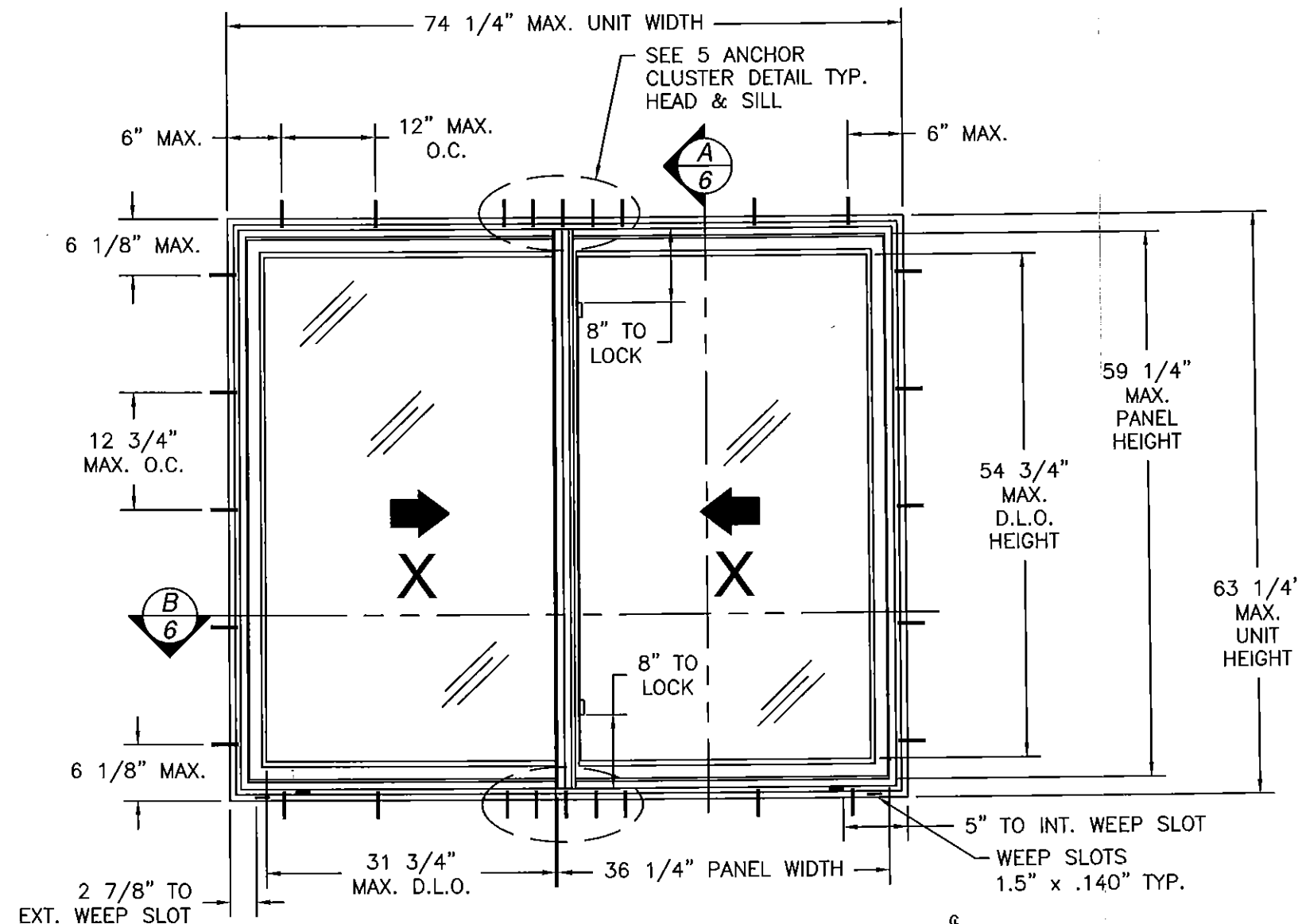
G. OTHERS

1. Notice of Acceptance No. **11-1114.11**, issued to PGT Industries, Inc. for their Series "2&3LT HR-2710MI/ HR-2810MI White PVC Horizontal Roller Window - L.M.I.", approved on 02/09/12 and expiring on 12/23/15.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-1125.03
Expiration Date: December 23, 2020
Approval Date: June 11, 2015

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED GLASS TYPE D, UPDATED TO FBC 5TH ED.	05/20/15	JR

- NOTES:
- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 - 2) WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - 3) UNITS MUST BE GLAZED PER ASTM E1300. SEE SHEET 11 FOR APPROVED GLASS TYPES.
 - 4) APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND-BORNE DEBRIS REGIONS.
 - 5) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAX. ALLOWABLE SHIM STACK IS 1/4".
 - 6) ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. WOOD BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER, (EOR) OR ARCHITECT OF RECORD, (AOR)
 - 7) FOR INSTALLATION INTO WOOD FRAMING OR 2X BUCKS, USE #10 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1-3/8" MIN. EMBEDMENT INTO SUBSTRATE WITH 13/16" MIN. EDGE DISTANCE.
 - 8) FOR INSTALLATION THROUGH 1X WOOD BUCKS INTO CMU/MASONRY, USE 3/16" ITW TAPCON ANCHOR WITH SUFFICIENT LENGTH TO ACHIEVE A 1-1/4" MIN. EMBEDMENT INTO SUBSTRATE WITH 2-5/8" MIN. EDGE DISTANCE.
 - 9) FOR ANCHORING INTO METAL FRAMING USE #10 TEK SELF TAPPING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF THREE THREADS PAST THE FRAME THICKNESS. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 - 10) ALL FASTENERS TO BE CORROSION RESISTANT.
 - 11) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,200 PSI.
 - C. CONCRETE MASONRY UNIT, CMU - NORMAL WEIGHT AND COMPRESSIVE STRENGTH, FC OF MINIMUM 1.9 KSI. CONFORMS TO ASTM C90.
 - 12) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - 13) FRAME MATERIAL: EXTRUDED RIGID PVC .075" THICK.
SASH MATERIAL: EXTRUDED RIGID PVC .070" THICK.
 - 14) THE 2710MI SERIES USES A EITHER A PVB OR SENTRYGLAS, (SG) INTERLAYER. UNITS GLAZED WITH GLASS CONTAINING AN SG INTERLAYER WERE PREVIOUSLY KNOWN AS THE 2810MI SERIES.
 - 15) REFERENCE L.B. PLASTICS, INC NOA'S FOR FLORIDA-BRONZE LAMINATED, & WHITE RIGID PVC



2LT PVC HORIZONTAL
ROLLER WINDOW 74 1/4" x 63 1/4"
EXTERIOR VIEW

GLAZING TYPE C

DESIGN PRESSURE RATING	IMPACT RATING
+ 65.0 PSF - 80.0 PSF	LARGE AND SMALL MISSILE IMPACT

WITH 1 1/2" SILL RISER ITEM #35

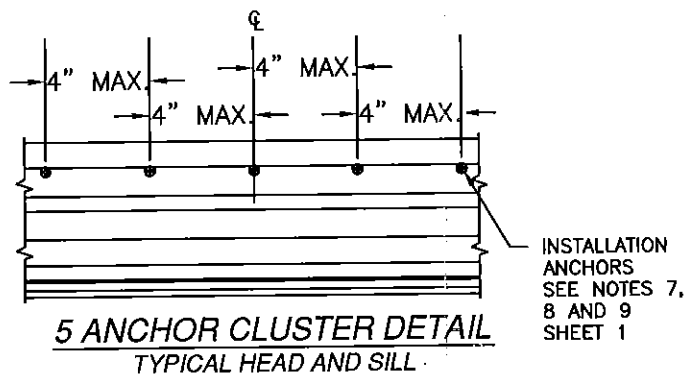
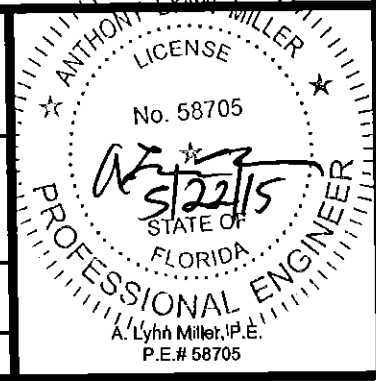
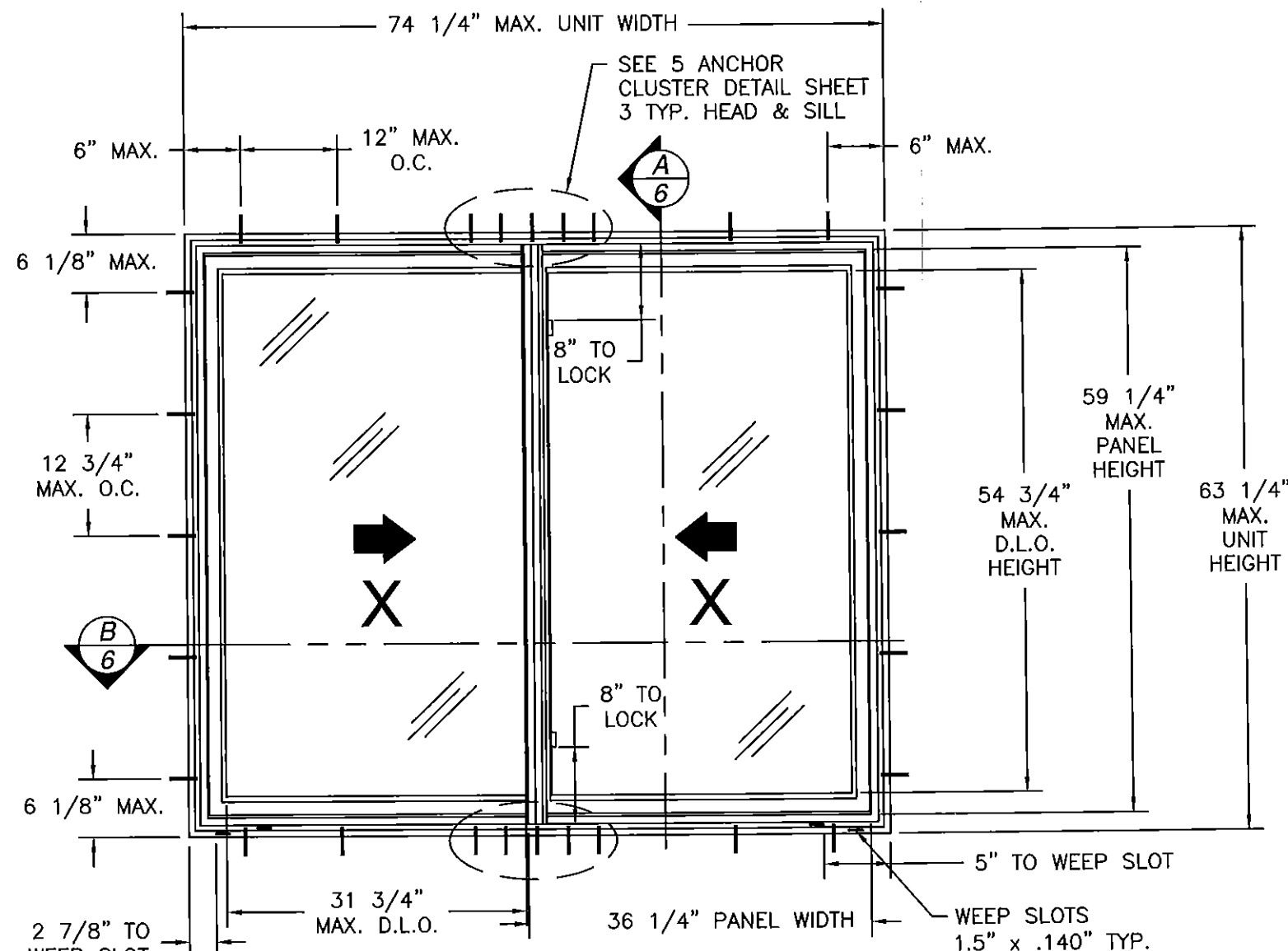


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6	BILL OF MATERIALS AND CROSS SECTIONS
7	CROSS SECTIONS
8 - 10	INSTALLATION DETAILS
11	COMPONENTS AND GLAZING DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1125-03
Expiration Date 12/31/2020
By *Manuel Lopez*
Miami Dade Product Control

PGT INDUSTRIES 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34274		
2/3LT HR2710MI PVC HORIZONTAL ROLLER LMI ELEVATION, ANCHORING AND NOTES		
DRAWN: TJH	DWG NO. 08-00883	REV D
SCALE NTS	DATE 10/27/09	SHEET 1 OF 11





**2LT PVC HORIZONTAL ROLLER
WINDOW 74 1/4" x 63 1/4"
EXTERIOR VIEW**

GLAZING TYPES A AND B

DESIGN PRESSURE RATING	IMPACT RATING
+ 70.0 PSF - 100.0 PSF	LARGE AND SMALL MISSILE IMPACT

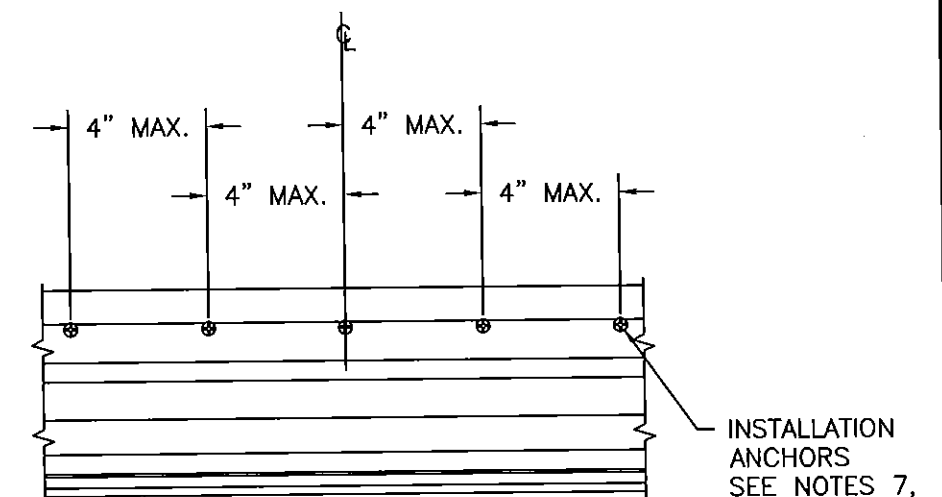
WITH 1 1/2" SILL RISER ITEM #35

GLAZING TYPE D

DESIGN PRESSURE RATING	IMPACT RATING
+ 65.0 PSF - 80.0 PSF	LARGE AND SMALL MISSILE IMPACT

WITH 1 1/2" SILL RISER ITEM #35

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED GLASS TYPE D, UPDATED TO FBC 5TH ED.	05/20/15	JR



**5 ANCHOR CLUSTER DETAIL
TYPICAL HEAD AND SILL**

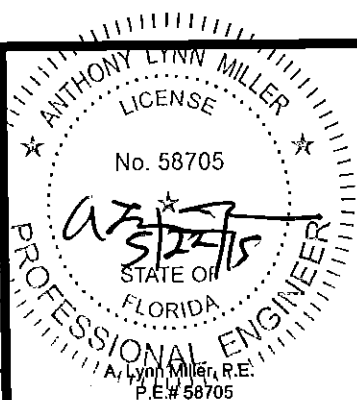
INSTALLATION
ANCHORS
SEE NOTES 7,
8 AND 9
SHEET 1

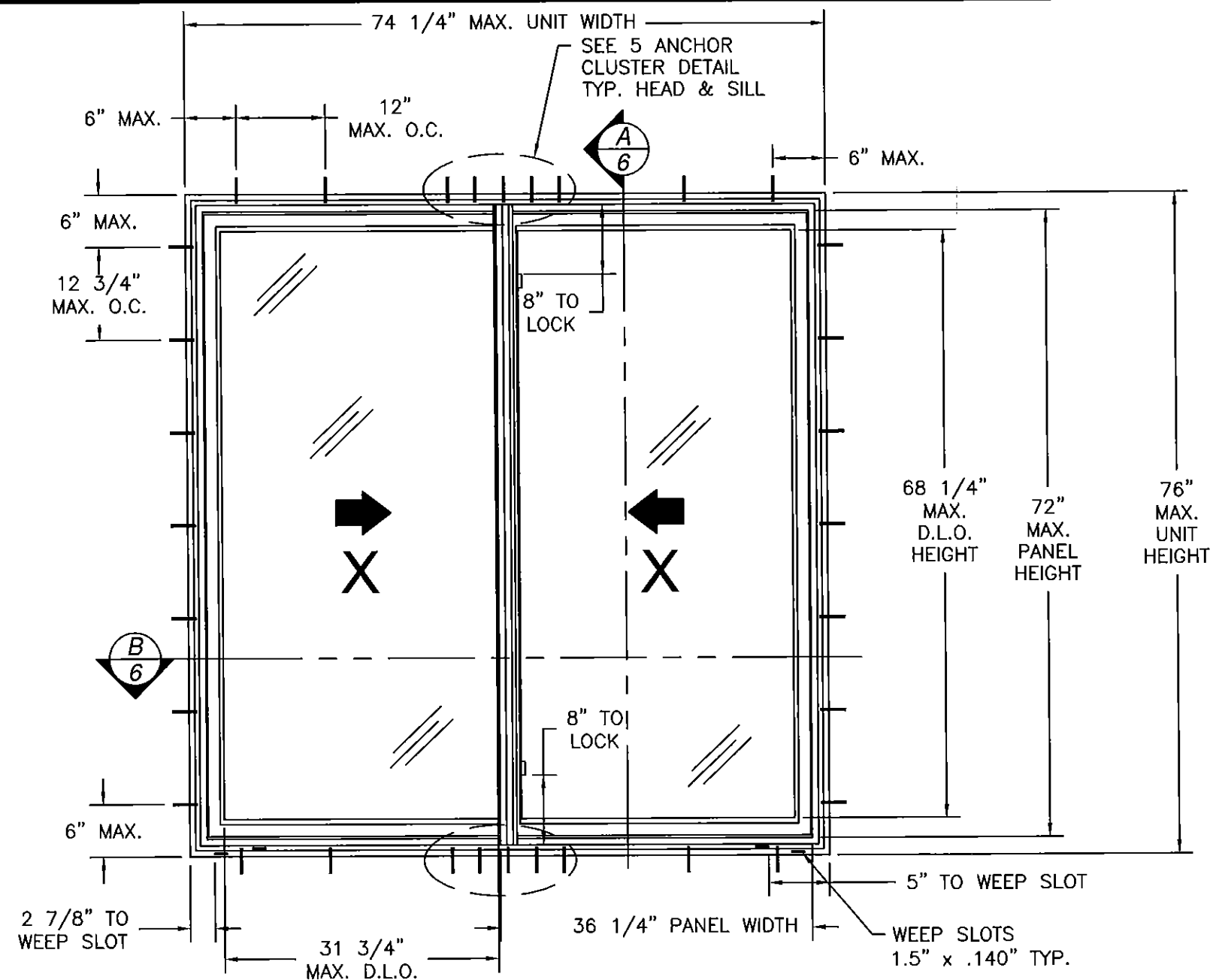
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-112503
Expiration Date 12/23/2020
By *Manuel Jerez*
Miami Dade Product Control

PGT INDUSTRIES
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

2/3LT HR2710MI PVC HORIZONTAL ROLLER LMI
ELEVATION AND ANCHORING

DRAWN: TJH	DWG NO. 08-00883	REV D
SCALE NTS	DATE 10/27/09	SHEET 2 OF 11





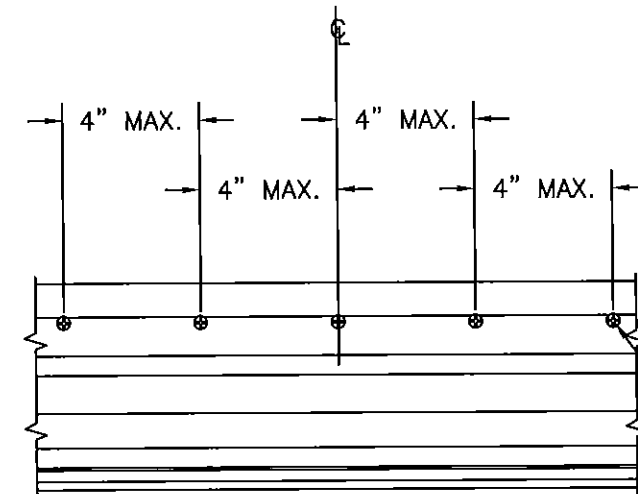
2LT PVC HORIZONTAL
ROLLER WINDOW 74 1/4" x 76"
EXTERIOR VIEW

GLAZING TYPE B

DESIGN PRESSURE RATING	IMPACT RATING
+ 60.0 PSF - 80.0 PSF	LARGE AND SMALL MISSILE IMPACT

WITH 1 1/2" SILL RISER ITEM #35

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED GLASS TYPE D, UPDATED TO FBC 5TH ED.	05/20/15	JR



5 ANCHOR CLUSTER DETAIL
TYPICAL HEAD AND SILL

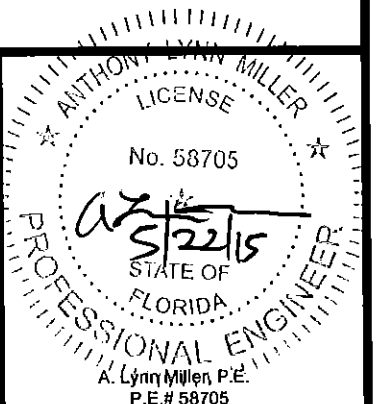
INSTALLATION
ANCHORS
SEE NOTES 7,
8 AND 9
SHEET 1

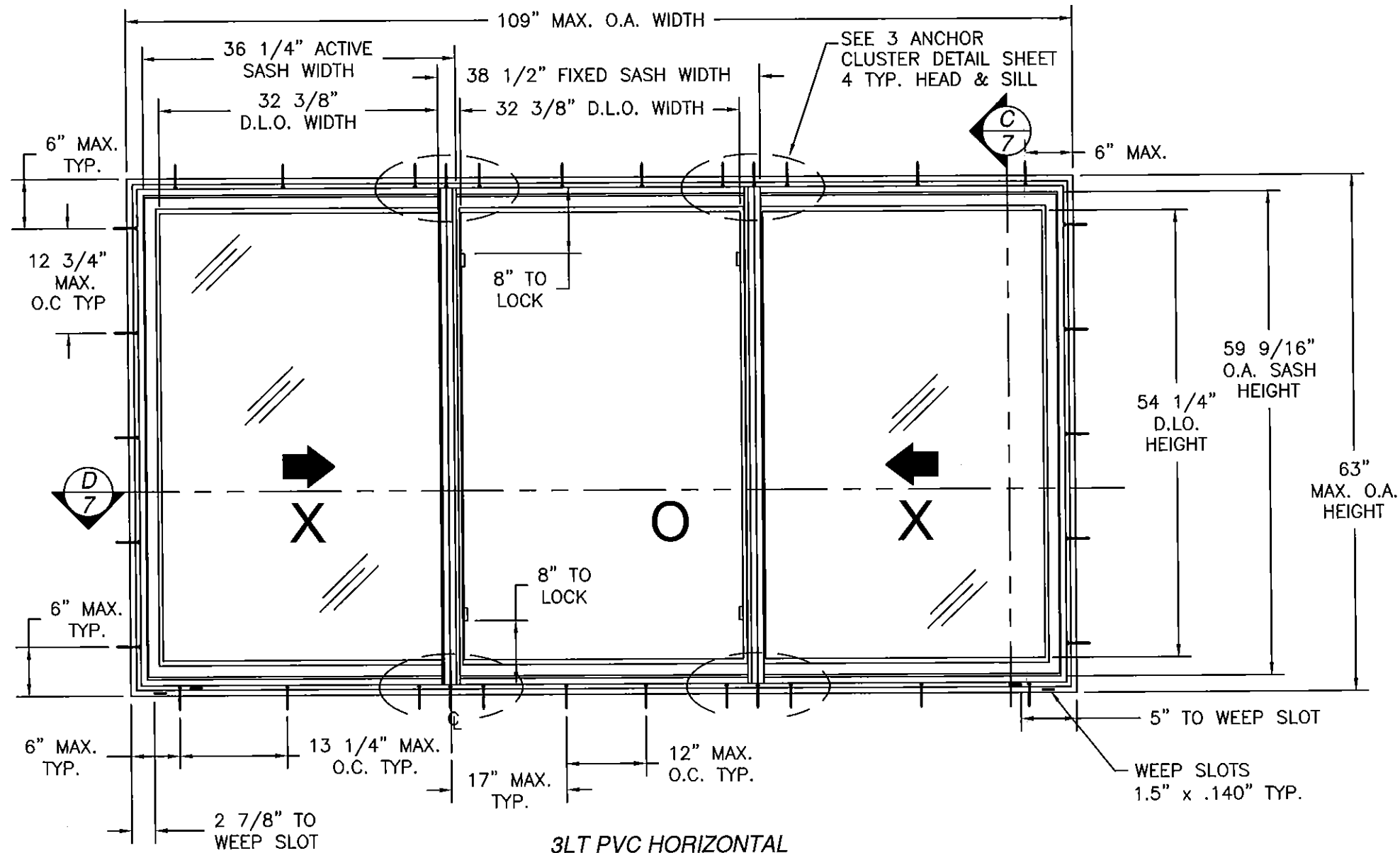
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1175-03
Expiration Date 12/23/2020
By *Manuel Perez*
Miami Dade Product Control

PGT INDUSTRIES
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

2/3LT HR2710MI PVC HORIZONTAL ROLLER LMI
ELEVATION AND ANCHORING

DRAWN: TJH	DWG NO. 08-00883	REV D
SCALE NTS	DATE 10/27/09	SHEET 3 OF 11





3LT PVC HORIZONTAL
ROLLER WINDOW 109" x 63"
EXTERIOR VIEW

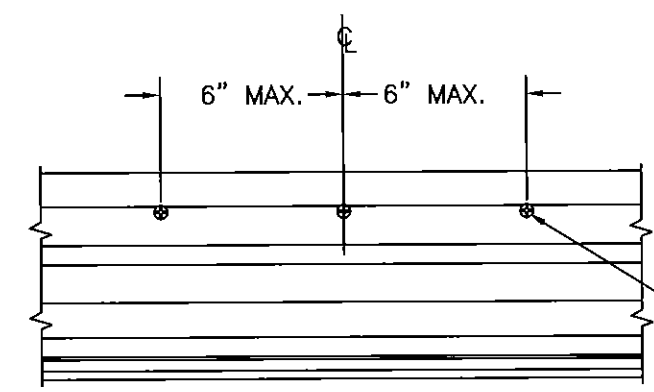
GLAZING TYPE C

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	LARGE AND SMALL MISSILE IMPACT

WITH 1 1/2" SILL RISER ITEM #35

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED GLASS TYPE D, UPDATED TO FBC 5TH ED.	05/20/15	JR

MAX. 1/3 - 1/3 - 1/3 SIZE:	109" X 63"
MAX. 1/4 - 1/2 - 1/4 SIZE:	76-3/4" X 63"

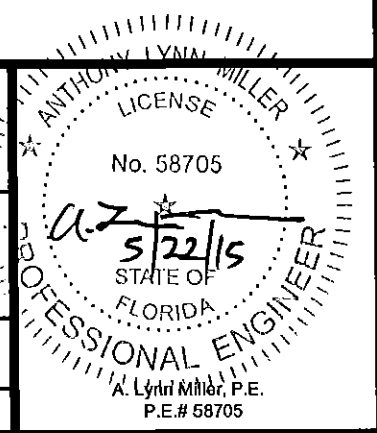


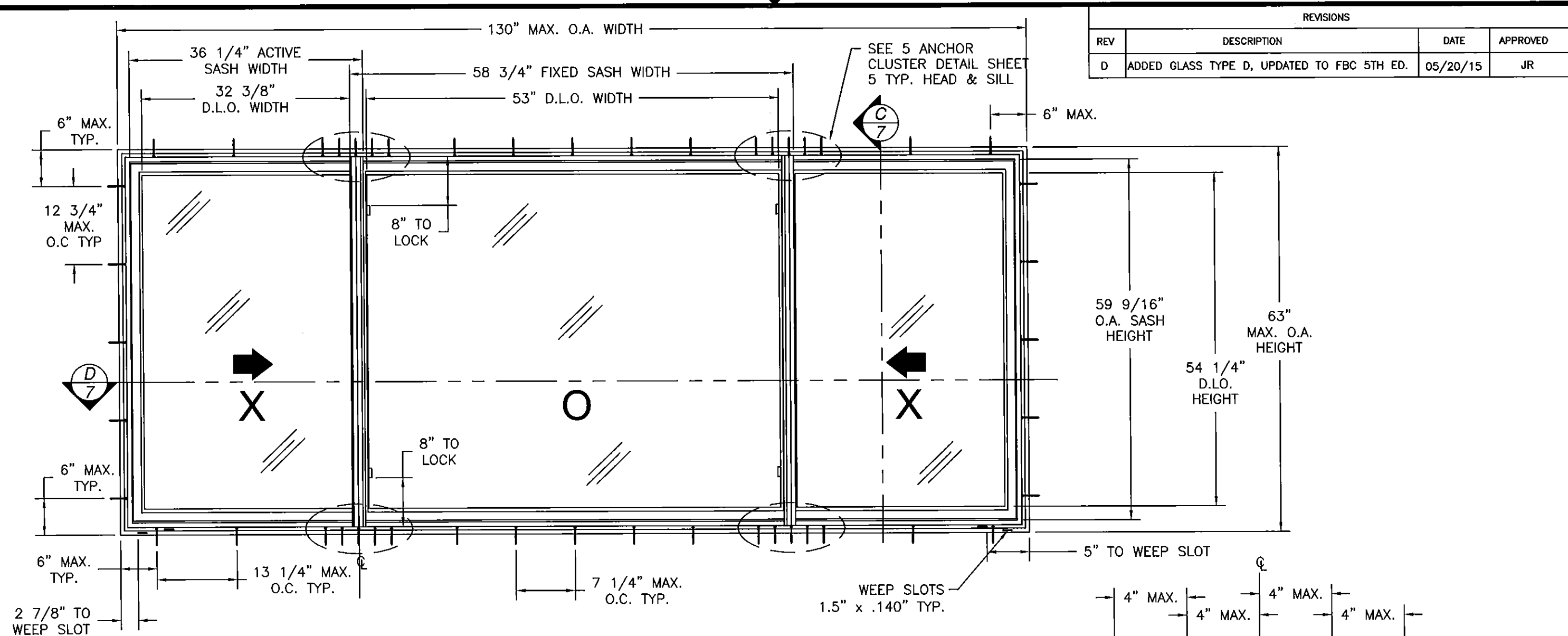
3 ANCHOR CLUSTER DETAIL
TYPICAL HEAD AND SILL

INSTALLATION
ANCHORS
SEE NOTES 7,
8 AND 9
SHEET 1

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By *Manuel Perez*
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PGT INDUSTRIES 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275		
2/3LT HR2710MI PVC HORIZONTAL ROLLER LMI ELEVATION AND ANCHORING		
DRAWN: TJH	DWG NO. 08-00883	REV D
SCALE NTS	DATE 10/27/09	SHEET 4 OF 11





REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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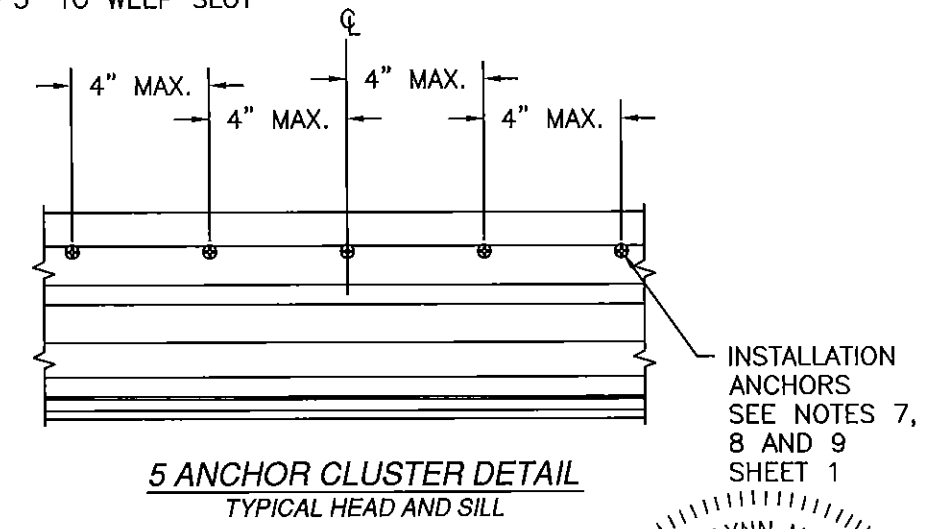
3LT PVC HORIZONTAL
ROLLER WINDOW 130" X 63"
EXTERIOR VIEW

GLAZING TYPES A, B AND D

DESIGN PRESSURE RATING	IMPACT RATING
+ 75.0 PSF - 100.0 PSF	LARGE AND SMALL MISSILE IMPACT

WITH 1 1/2" SILL RISER ITEM #35

MAX. 1/3 - 1/3 - 1/3 SIZE:	109" X 63"
MAX. 1/4 - 1/2 - 1/4 SIZE:	114-1/2" X 63"
MAX. CUSTOM SASH SIZE:	130" X 63"

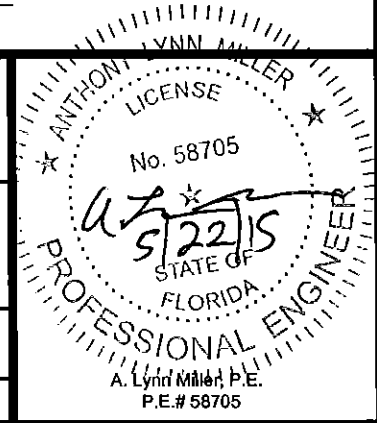


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PGT INDUSTRIES
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

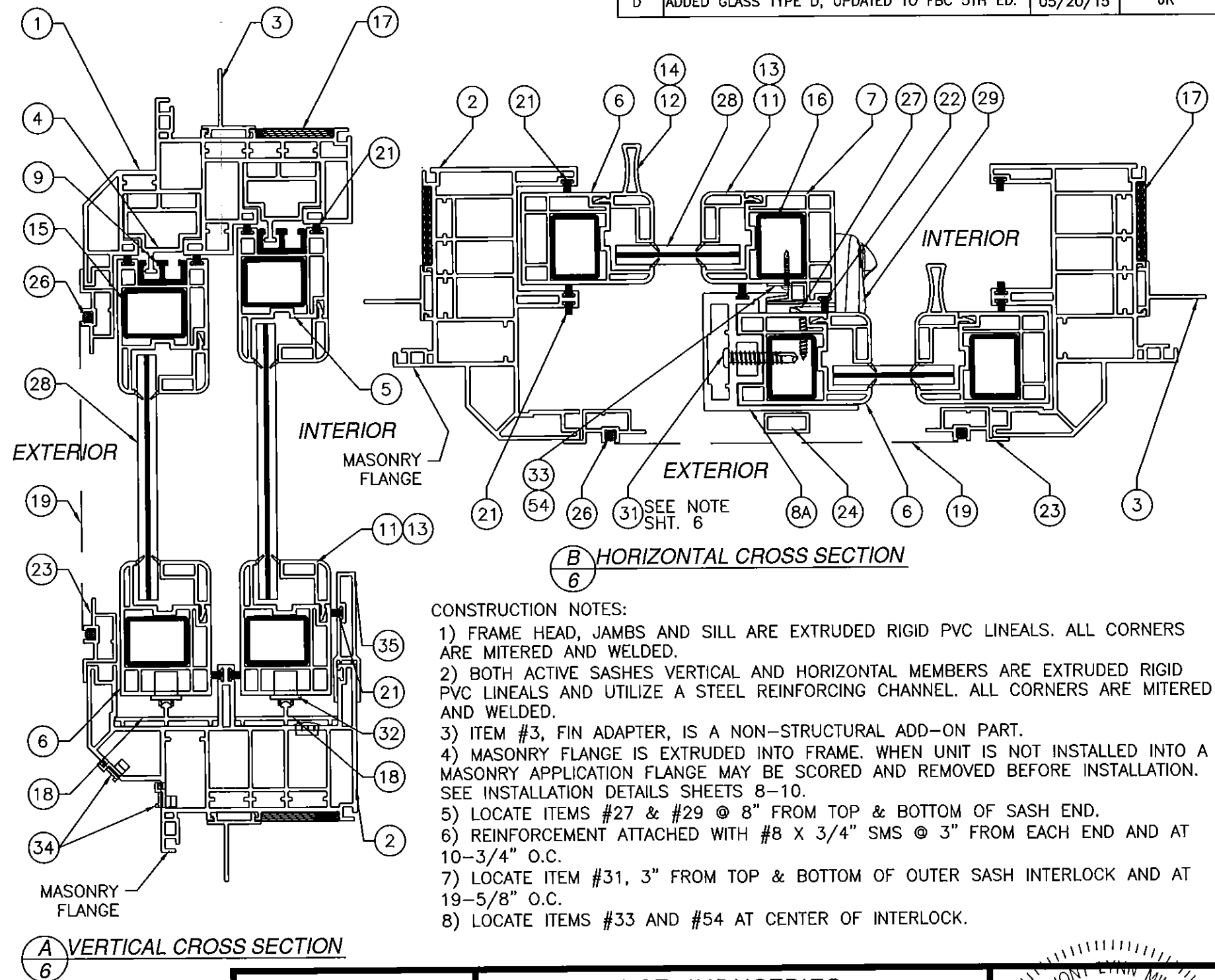
2/3LT HR2710MI PVC HORIZONTAL ROLLER LMI
ELEVATION AND ANCHORING

DRAWN: TJH	DWG NO. 08-00883	REV D
SCALE NTS	DATE 10/27/09	SHEET 5 OF 11



PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	8301	FRAME HEAD	LB PLASTICS INC.	RIGID PVC
2	8303	FRAME SILL AND JAMB	LB PLASTICS INC.	RIGID PVC
3	8343	FIN ADAPTER	LB PLASTICS INC.	RIGID PVC
4	VB51F34F-4	HEADER POCKET INSERT	EASTERN METALS	ALUMINUM 6063-T6
5	8306	SASH HORIZ. PLAIN (HEAD ONLY)	LB PLASTICS INC.	RIGID PVC
6	8305	SASH VERTICAL PLAIN	LB PLASTICS INC.	RIGID PVC
7	8308	SASH INTERNAL INTERLOCK	LB PLASTICS INC.	RIGID PVC
8A	18506	OUTER SASH INTERLOCK (XX)	EASTERN METALS	ALUMINUM 6063-T6
8B	18507	OUTER SASH INTERLOCK (XOX)	EASTERN METALS	ALUMINUM 6063-T6
9	VB51F34F-5	SASH INSERT/ANTI-BLOW OUT CLIP	EASTERN METALS	ALUMINUM 6063-T6
11	8321	SASH 5/16" PLAIN BEAD	LB PLASTICS INC.	RIGID PVC
12	8320	SASH 5/16" LIFT BEAD	LB PLASTICS INC.	RIGID PVC
13	8325	SASH 7/8" PLAIN BEAD	LB PLASTICS INC.	RIGID PVC
14	8324	SASH 7/8" LIFT BEAD	LB PLASTICS INC.	RIGID PVC
15	ST1007B 16GA	SASH REINFORCEMENT	HYGRADE	GALVANIZED STEEL
16	ST1007B 14GA	SASH REINFORCEMENT	HYGRADE	GALVANIZED STEEL
17	2NB-8K-018	RIGID FILLER .797"	FRANK LOWE	NEOPRENE
18	FL 1221	ROLLER TRACK	EASTERN METALS	ALUMINUM 6063-T6
19	18/16GCCL	SCREEN CLOTH	PHIFER WIRE	FIBERGLASS
20	WA2L	WEEP COVER	PREFERRED ENG.	NYLON
21	N/A	.187" X .280" FIN SEAL	ULTRA FAB	POLYPROPYLENE
22	18609	.187" X .320" FIN SEAL	ULTRA FAB	POLYPROPYLENE
23	VB51F34F-3	SCREEN FRAME	EASTERN METALS	ALUMINUM 6063-T6
24	VB591FB5-3	SCREEN CROSS BAR	EASTERN METALS	ALUMINUM 6063-T6
25	SIKAFLEX 552	SIKAFLEX 552 BACKBEDDING		
26	FP-50-160B	SCREEN SPLINE	PROTOTYPE PLASTICS	65A TPE
27	SK01-3014-G2	SASH KEEPER	INTERLOCK USA	ZINC
28		IMPACT GLAZING SEE SHEET 10		
29	5500-000-G2	SASH LOCK	INTERLOCK USA	ZINC
30	NCRWDH-042	TILT LATCH	IPS	ZINC
31	10N125UXPZ	#10 x 1 1/4" PH SM SCREW	ALL POINT	STAINLESS STEEL
32	PD42366-1-125	ROLLER	IPS	STAINLESS STEEL
33	SNB IN	INTERLOCK CLIP	WIRCO	STAINLESS STEEL
34		WEEP COVER		RIGID PVC
35	8349	1 1/2" SILL RISER	L.B. PLASTICS	RIGID PVC
50	62869/70	SUPERSPACER (5/16" & 7/16")	QUANEX	FOAM EPDM W/DES.
51	71752K	SET. BLOCK, 1/8" X 7/16" X 4"	DURO = 85 +/-5	NEOPRENE
52	71751K	SET. BLOCK, 1/8" X 1-1/16" X 4"	DURO = 85 +/-5	NEOPRENE
54	76X1FPTXW	TEK SNUBBER SCREW		STAINLESS STEEL

FLORIDA-BRONZE LAMINATED & WHITE RIGID PVC EXTRUSIONS BY L.B. PLASTICS, INC. ARE TO BE LABELED WITH AAMA EXTRUDER CODE, EXTRUDER NAME, CITY, STATE AND MDCA REQUIREMENTS



CONSTRUCTION NOTES:

- 1) FRAME HEAD, JAMBS AND SILL ARE EXTRUDED RIGID PVC LINEALS. ALL CORNERS ARE MITERED AND WELDED.
- 2) BOTH ACTIVE SASHES VERTICAL AND HORIZONTAL MEMBERS ARE EXTRUDED RIGID PVC LINEALS AND UTILIZE A STEEL REINFORCING CHANNEL. ALL CORNERS ARE MITERED AND WELDED.
- 3) ITEM #3, FIN ADAPTER, IS A NON-STRUCTURAL ADD-ON PART.
- 4) MASONRY FLANGE IS EXTRUDED INTO FRAME. WHEN UNIT IS NOT INSTALLED INTO A MASONRY APPLICATION FLANGE MAY BE SCORED AND REMOVED BEFORE INSTALLATION. SEE INSTALLATION DETAILS SHEETS 8-10.
- 5) LOCATE ITEMS #27 & #29 @ 8" FROM TOP & BOTTOM OF SASH END.
- 6) REINFORCEMENT ATTACHED WITH #8 X 3/4" SMS @ 3" FROM EACH END AND AT 10-3/4" O.C.
- 7) LOCATE ITEM #31, 3" FROM TOP & BOTTOM OF OUTER SASH INTERLOCK AND AT 19-5/8" O.C.
- 8) LOCATE ITEMS #33 AND #54 AT CENTER OF INTERLOCK.

PRODUCT REVISED

is complying with the Florida Building Code
Acceptance No. 13-1125.03
Expiration Date 12/23/2020

By *Manuel J. Perez*
Miami Dade Product Control

PGT INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

2/3LT HR2710MI PVC HORIZONTAL ROLLER LMI
BILL OF MATERIALS AND CROSS SECTIONS

DRAWN:
TJH

DWG NO.

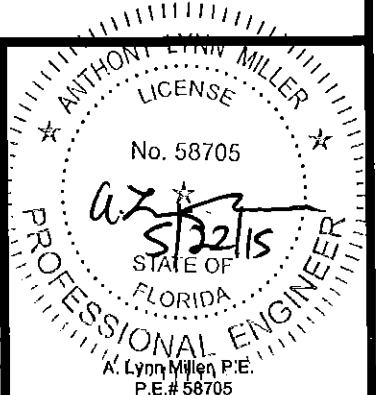
08-00883

REV
D

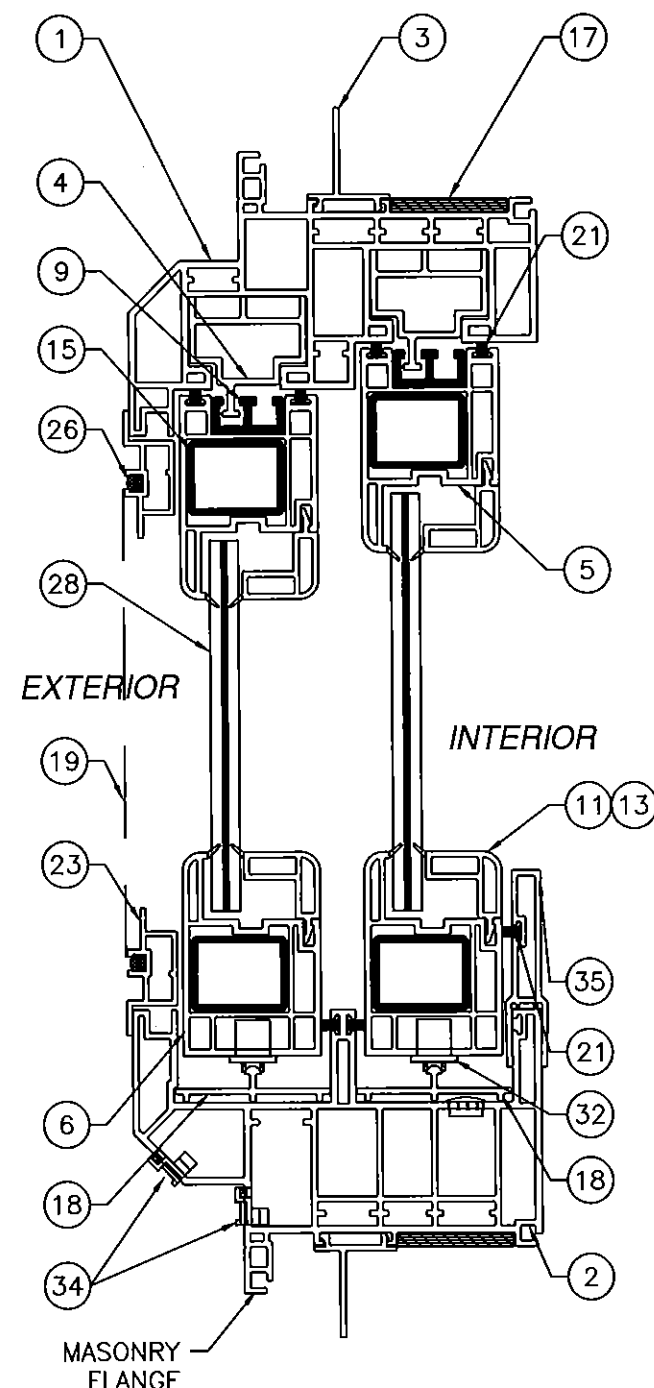
SCALE NTS

DATE 10/27/09

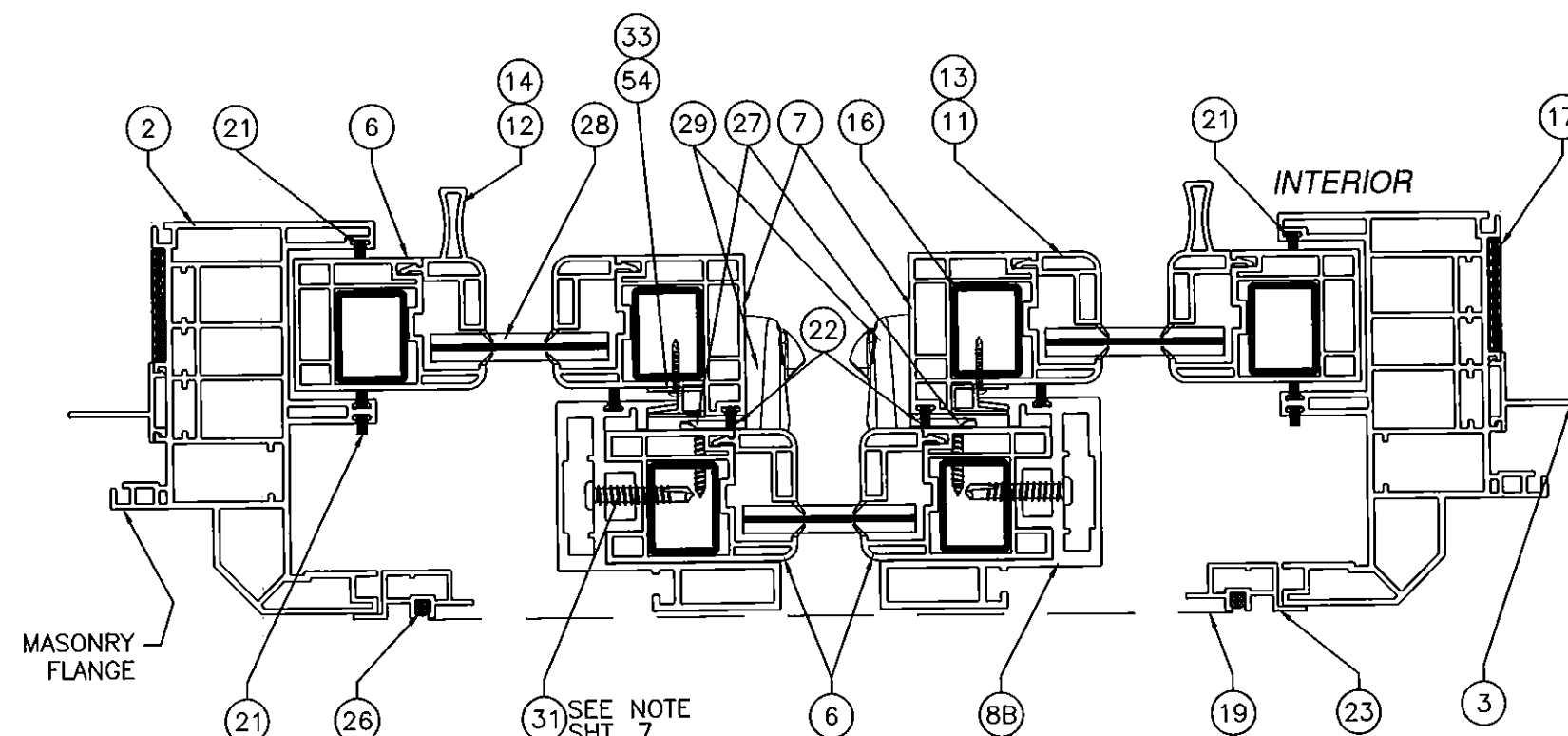
SHEET 6 OF 11



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED GLASS TYPE D, UPDATED TO FBC 5TH ED.	05/20/15	JR



(C)
7 VERTICAL CROSS SECTION



(D)
7 HORIZONTAL CROSS SECTION

CONSTRUCTION NOTES:

- 1) FRAME HEAD, JAMBS AND SILL ARE EXTRUDED RIGID PVC LINEALS. ALL CORNERS ARE MITERED AND WELDED.
- 2) BOTH ACTIVE SASHES VERTICAL AND HORIZONTAL MEMBERS ARE EXTRUDED RIGID PVC LINEALS AND UTILIZE A STEEL REINFORCING CHANNEL. ALL CORNERS ARE MITERED AND WELDED.
- 3) ITEM #3, FIN ADAPTER, IS A NON-STRUCTURAL ADD-ON PART.
- 4) MASONRY FLANGE IS EXTRUDED INTO FRAME. WHEN UNIT IS NOT INSTALLED INTO A MASONRY APPLICATION FLANGE MAY BE SCORED AND REMOVED BEFORE INSTALLATION. SEE INSTALLATION DETAILS SHEETS 8-10.
- 5) LOCATE ITEMS #27 & #29 @ 8" FROM TOP & BOTTOM OF SASH END.
- 6) REINFORCEMENT ATTACHED WITH #8 X 3/4" SMS @ 3" FROM EACH END AND 10-3/4" O.C.
- 7) LOCATE ITEM #31, 3" FROM TOP & BOTTOM OF OUTER SASH INTERLOCK AND (3) MORE EQUALLY SPACED.
- 8) LOCATE ITEMS #33 AND #54 AT CENTER OF INTERLOCK.

FLORIDA-BRONZE LAMINATED & WHITE RIGID PVC EXTRUSIONS BY L.B. PLASTICS, INC. ARE TO BE LABELED WITH AAMA EXTRUDER CODE, EXTRUDER NAME, CITY, STATE AND MDCA REQUIREMENTS

PRODUCT REVISED

as complying with the Florida
Building Code 13-1125.03
Acceptance No. 12/23/2020
Expiration Date

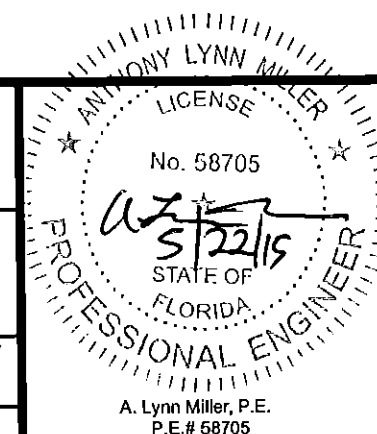
By *Manuel Soria*
Miami Dade Product Control

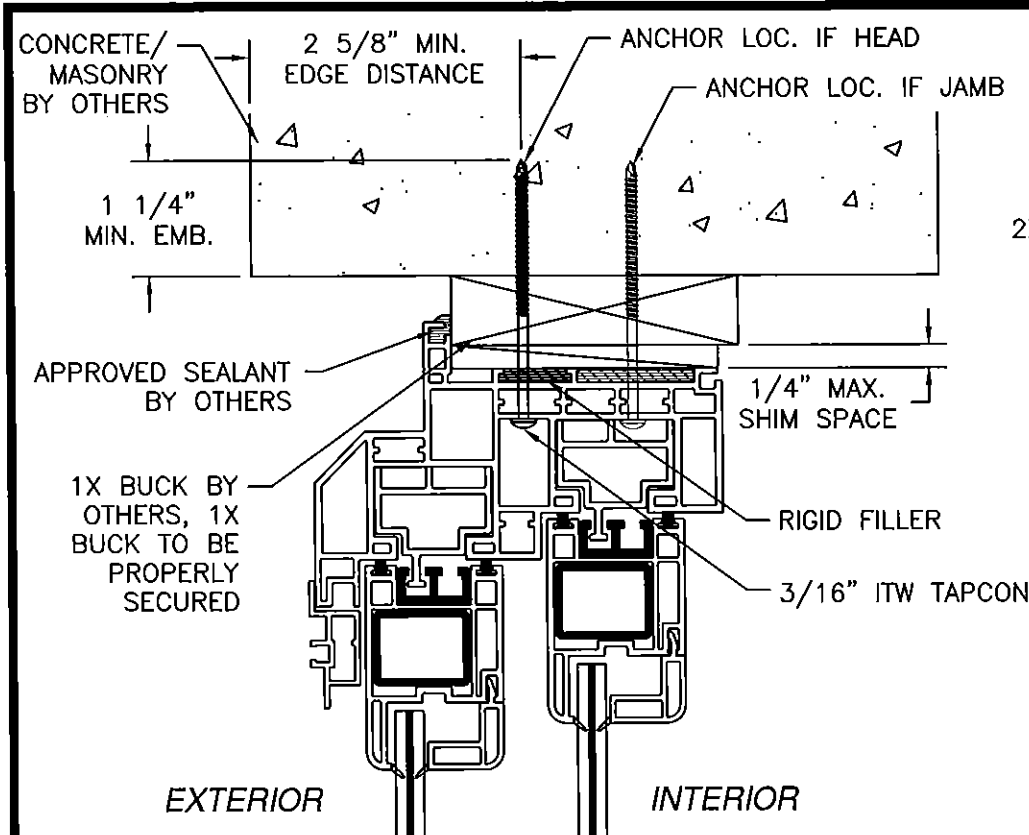
PGT INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

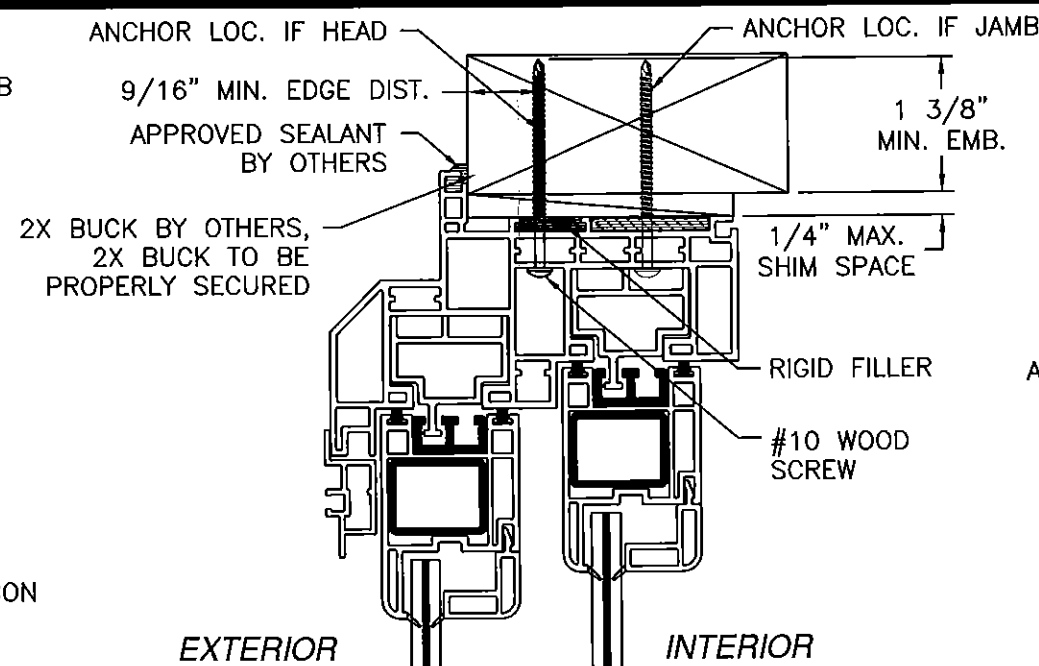
2/3LT HR2710MI PVC HORIZONTAL ROLLER LMI
CROSS SECTIONS

DRAWN: TJH	DWG NO. 08-00883	REV D
SCALE NTS	DATE 10/27/09	SHEET 7 OF 11

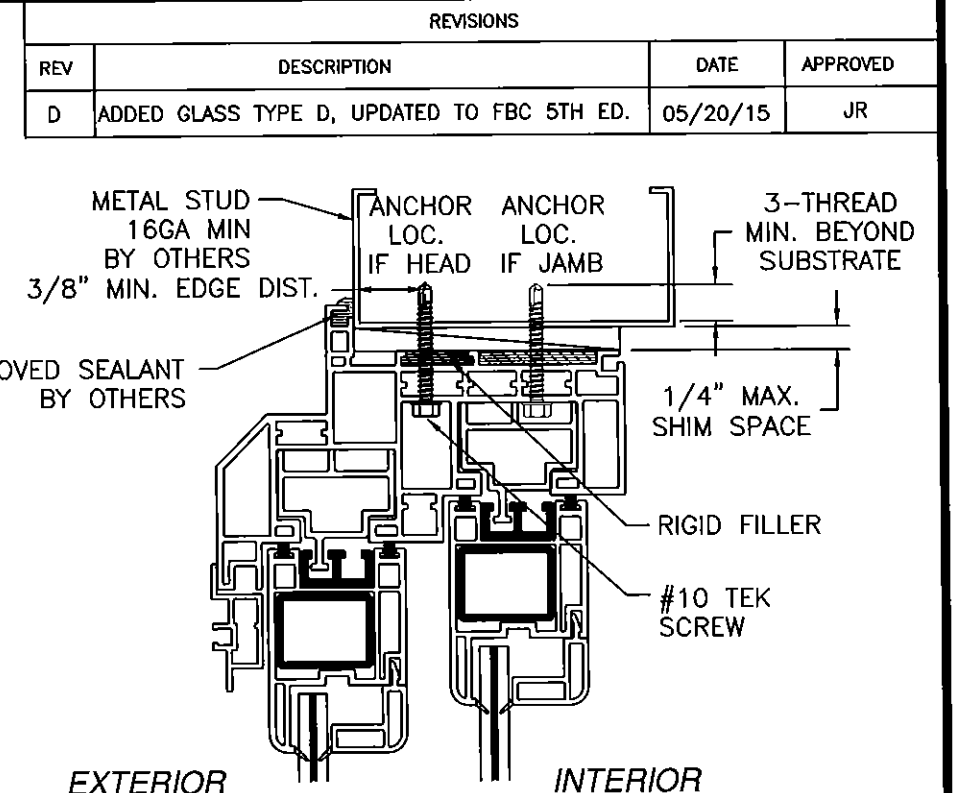




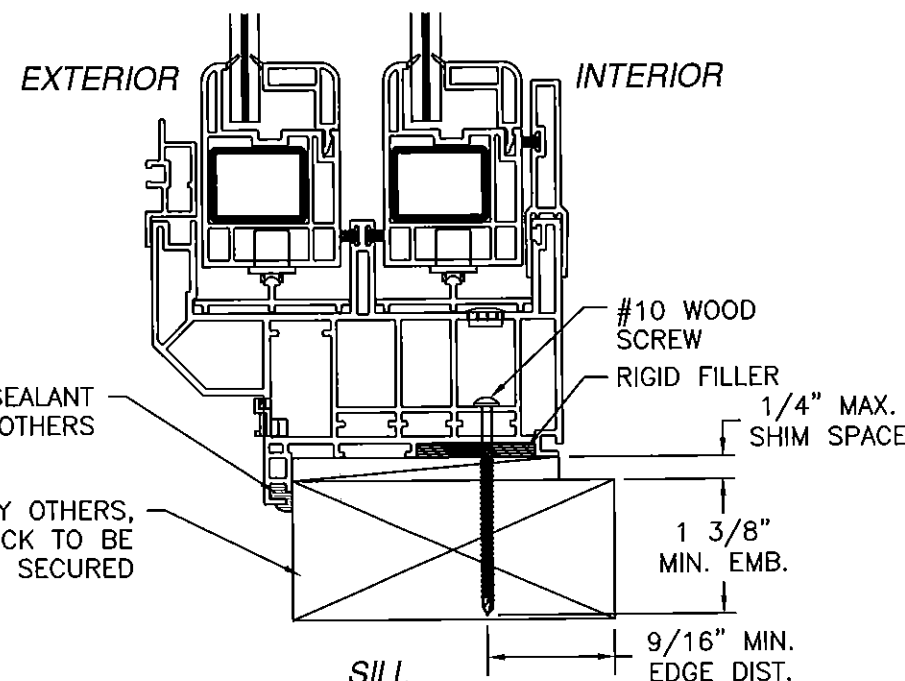
HEAD & JAMB
CONCRETE/MASONRY FLANGE INSTALLATION
HEAD SHOWN, JAMBS SIMILAR



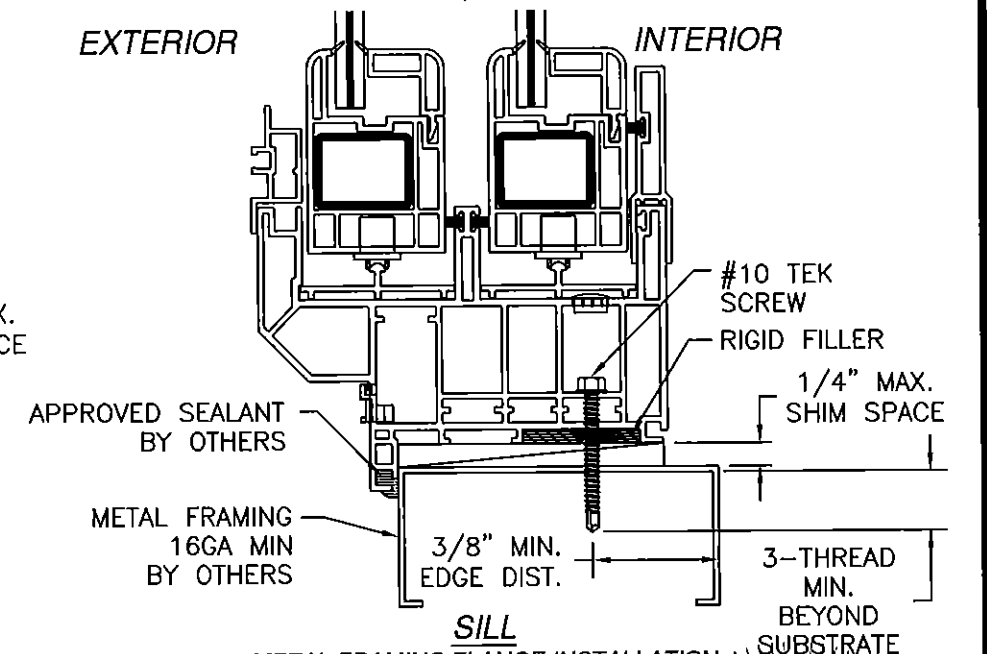
HEAD & JAMB
WOOD FRAMING OR 2X BUCK FLANGE INSTALLATION
HEAD SHOWN, JAMBS SIMILAR



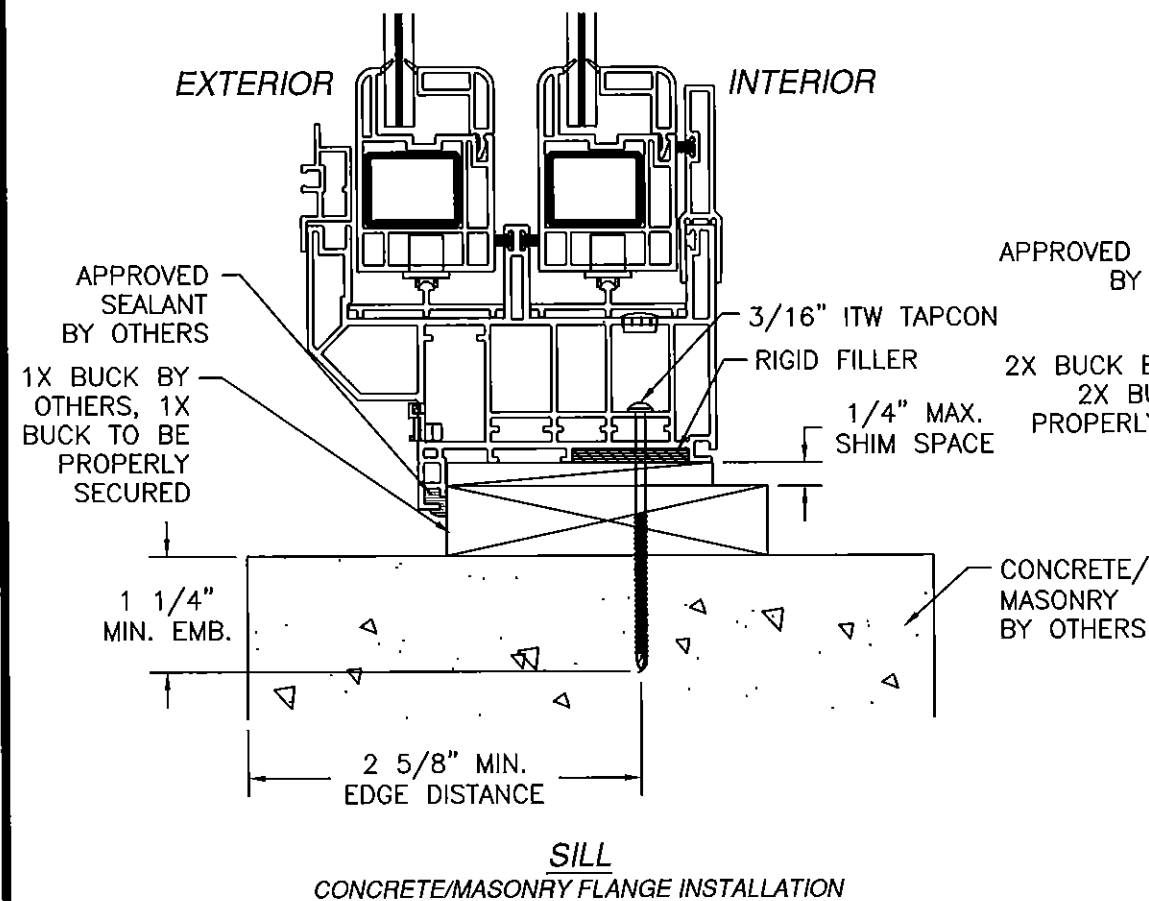
HEAD & JAMB
METAL FRAMING FLANGE INSTALLATION
HEAD SHOWN, JAMBS SIMILAR



SILL
WOOD FRAMING OR 2X BUCK FLANGE INSTALLATION



SILL
METAL FRAMING FLANGE INSTALLATION

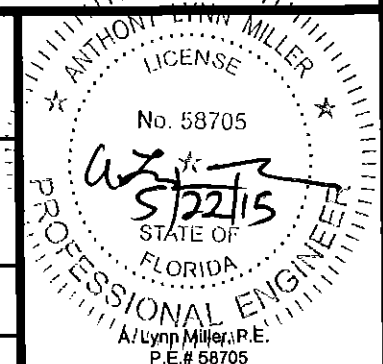


SILL
CONCRETE/MASONRY FLANGE INSTALLATION

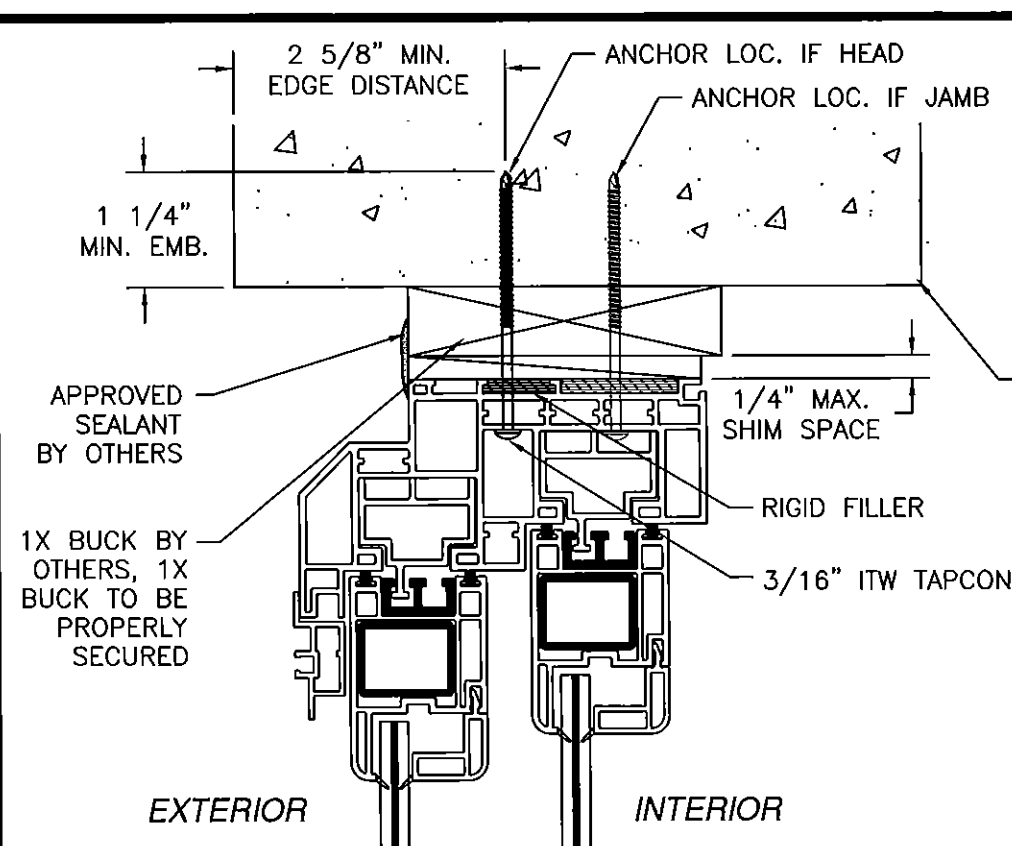
PGT INDUSTRIES
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

2/3LT HR2710MI PVC HORIZONTAL ROLLER LMI
INSTALLATION DETAILS

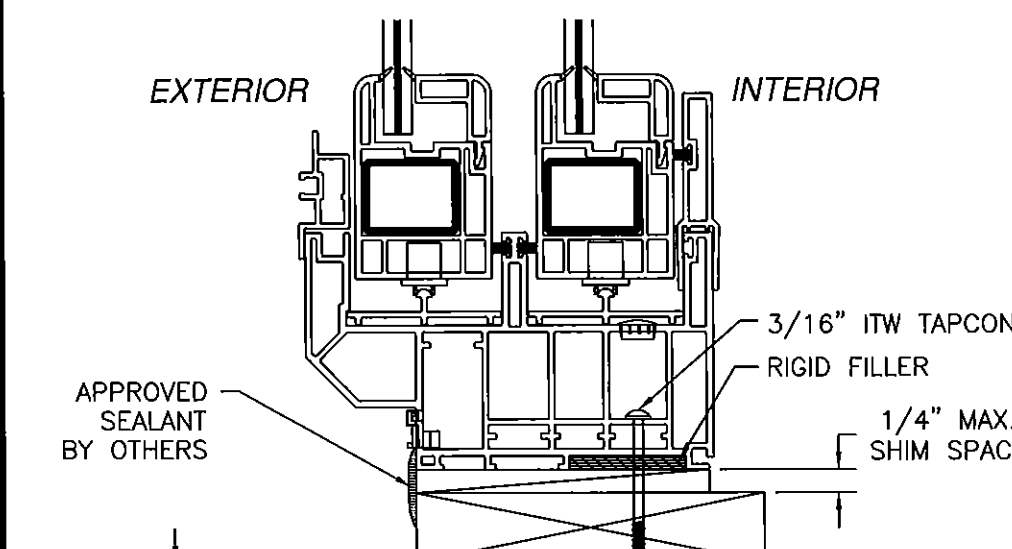
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DWG NO. 08-00883
REV D
SCALE NTS
DATE 10/27/09
SHEET 8 OF 11



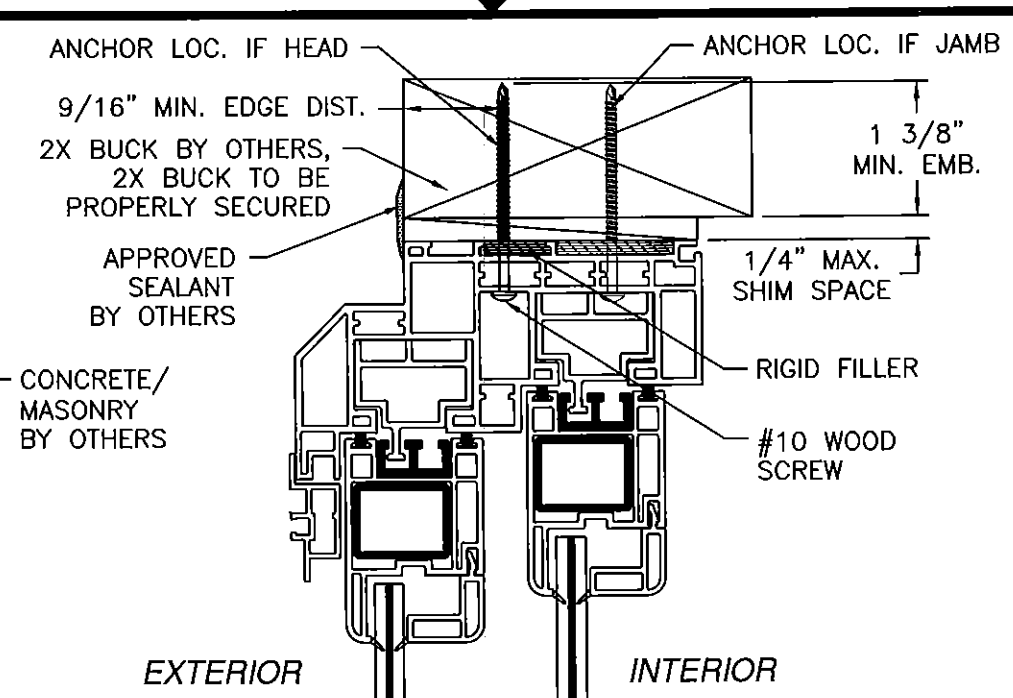
PRODUCT REVISED
is complying with the Florida
Building Code
Acceptance No. 13-1125.03
Expiration Date 12/23/2020
by *Manuel*
Miami Dade Product Control



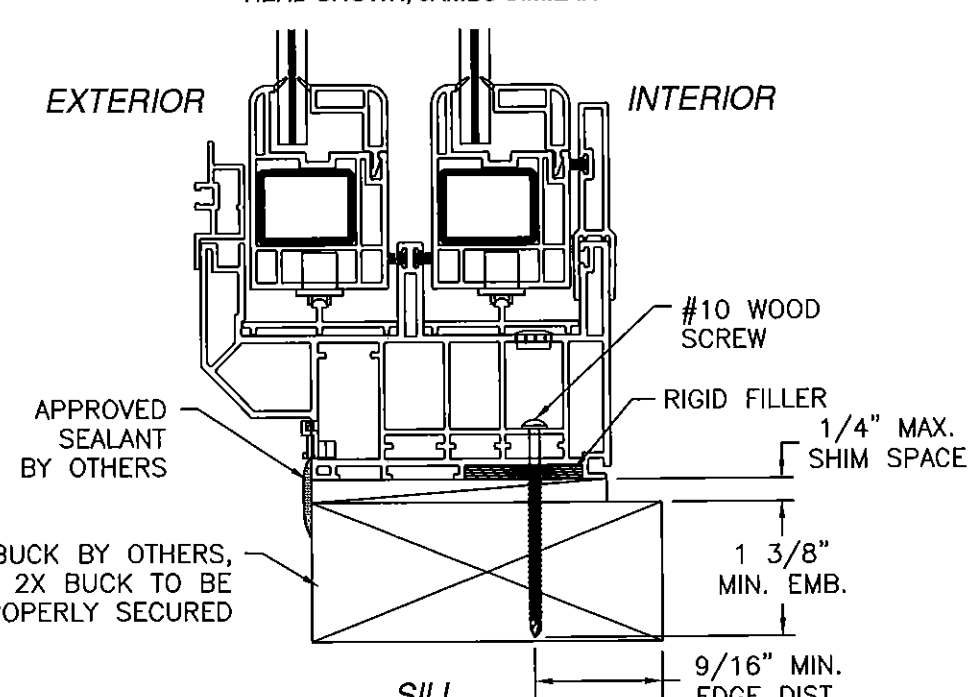
HEAD & JAMB
CONCRETE/MASONRY BOX FRAME INSTALLATION
HEAD SHOWN, JAMBS SIMILAR



SILL
CONCRETE/MASONRY BOX FRAME INSTALLATION

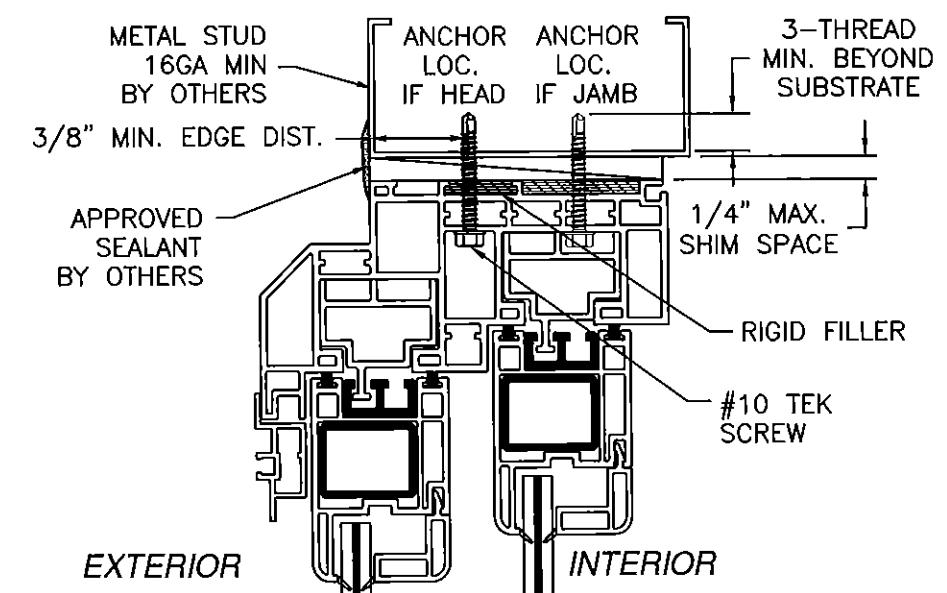


HEAD & JAMB
WOOD FRAMING OR 2X BUCK BOX FRAME INSTALLATION
HEAD SHOWN, JAMBS SIMILAR

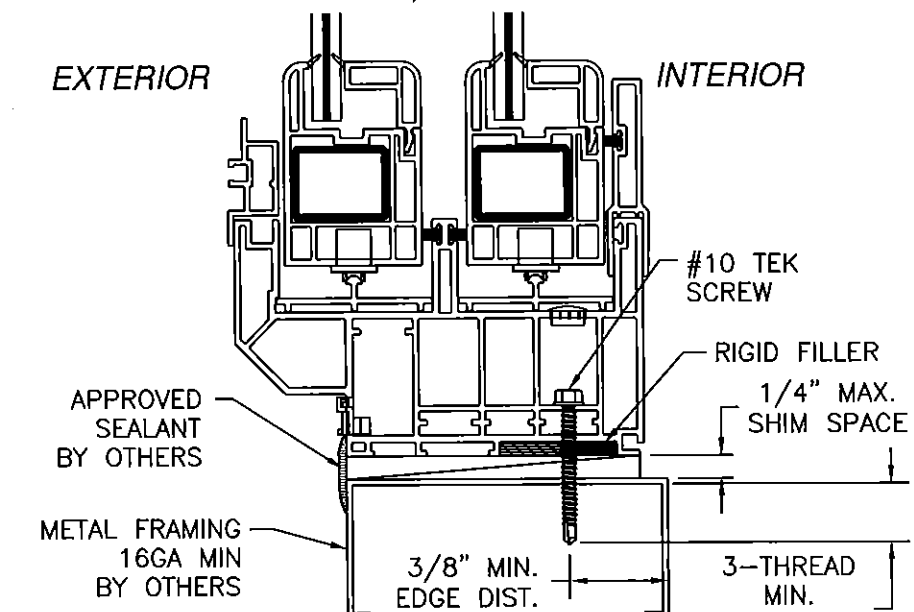


SILL
WOOD FRAMING OR 2X BUCK BOX FRAME INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED GLASS TYPE D, UPDATED TO FBC 5TH ED.	05/20/15	JR



HEAD & JAMB
METAL FRAMING BOX FRAME INSTALLATION
HEAD SHOWN, JAMBS SIMILAR



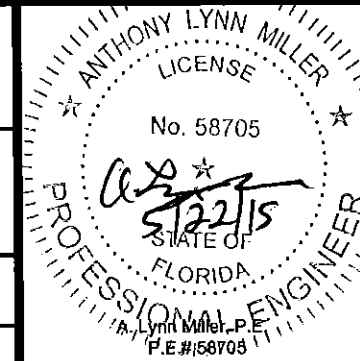
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METAL FRAMING BOX FRAME INSTALLATION

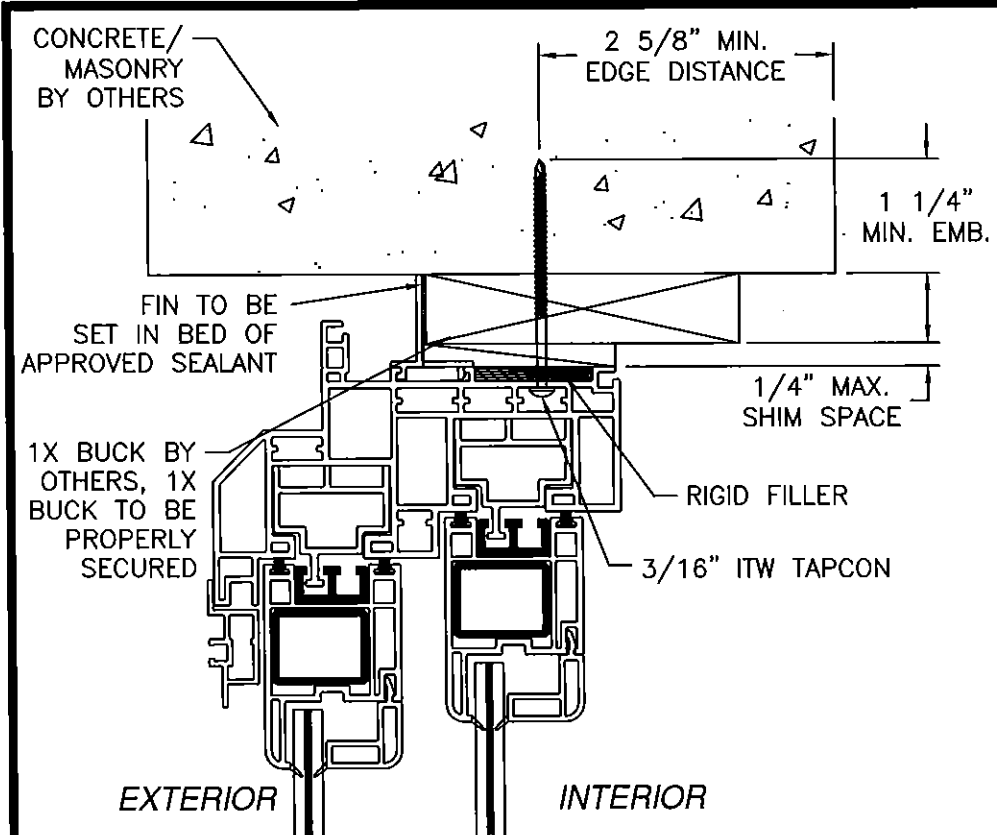
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1125.03
Expiration Date 12/23/2028
By *Manuel Perez*
Miami Dade Product Control

PGT INDUSTRIES
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

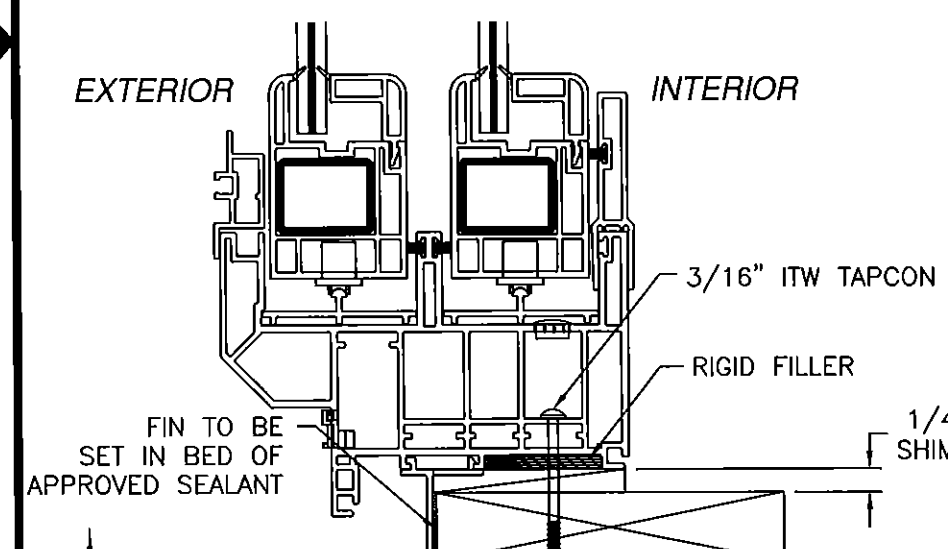
2/3LT HR2710MI PVC HORIZONTAL ROLLER LMI
INSTALLATION DETAILS

DRAWN: TJH	DWG NO. 08-00883	REV D
SCALE NTS	DATE 10/27/09	SHEET 9 OF 11

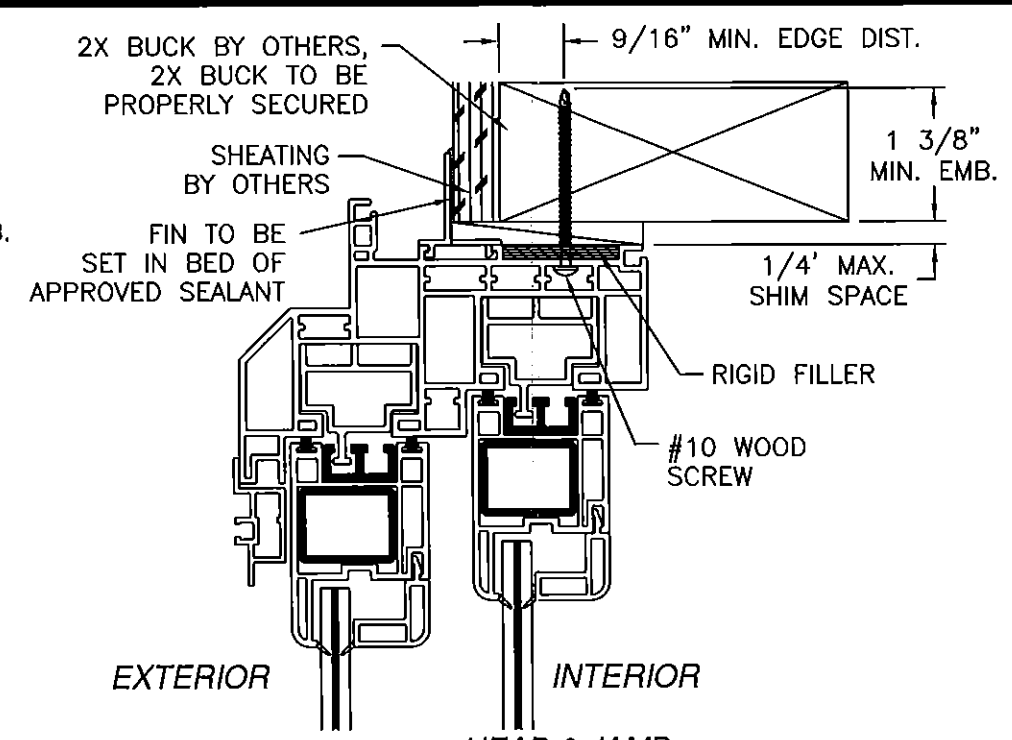




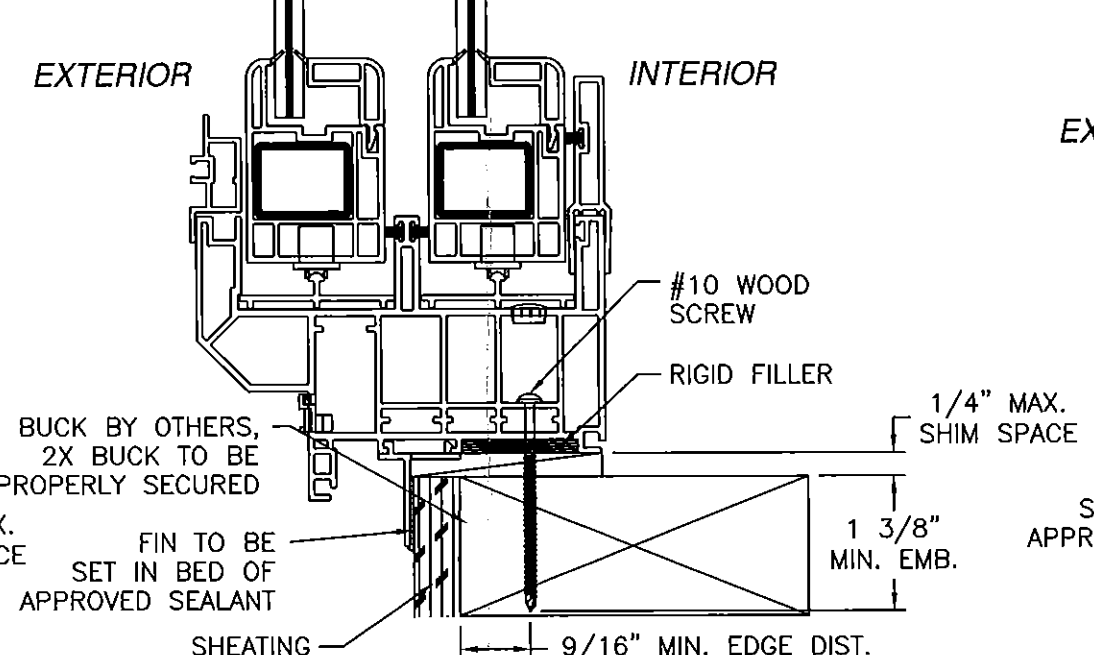
HEAD & JAMB
CONCRETE/MASONRY FIN INSTALLATION
HEAD SHOWN, JAMBS SIMILAR



SILL
CONCRETE/MASONRY FIN INSTALLATION

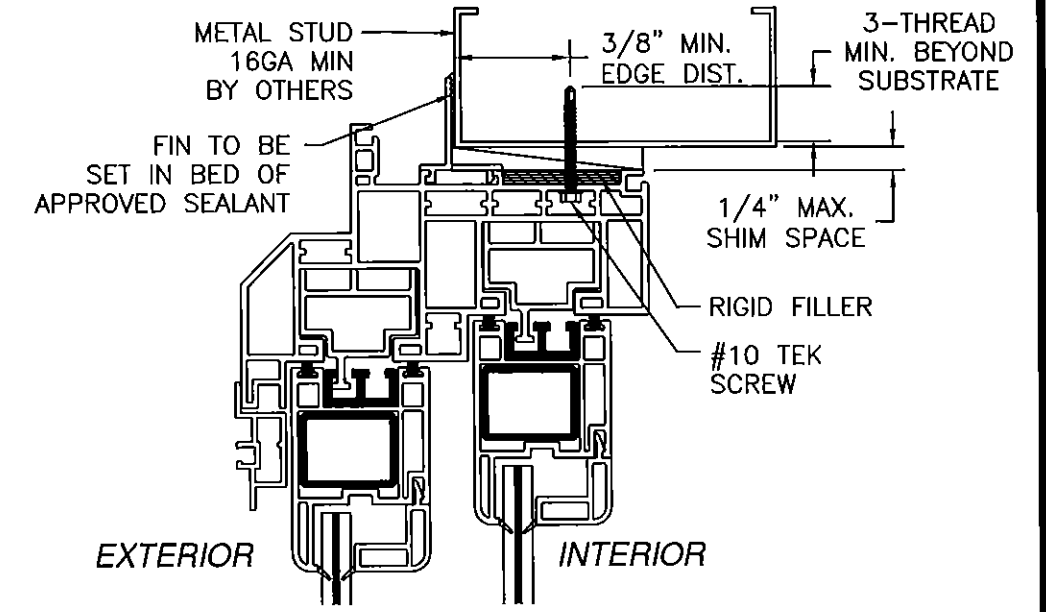


HEAD & JAMB
WOOD FRAMING OR 2X BUCK FIN INSTALLATION
HEAD SHOWN, JAMBS SIMILAR

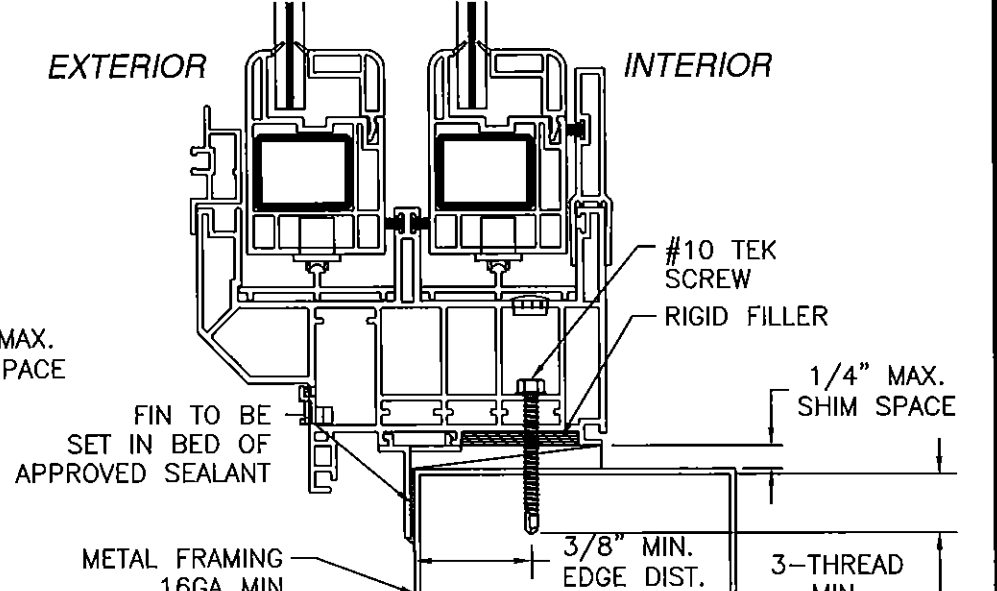


SILL
WOOD FRAMING OR 2X BUCK FIN INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED GLASS TYPE D, UPDATED TO FBC 5TH ED.	05/20/15	JR



HEAD & JAMB
METAL FRAMING FIN INSTALLATION
HEAD SHOWN, JAMBS SIMILAR



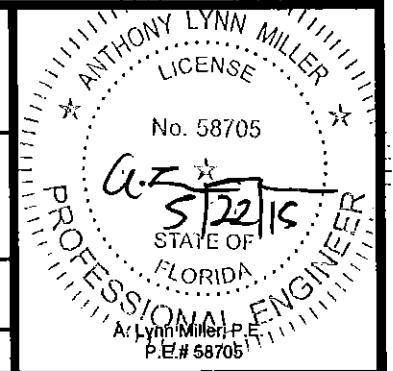
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METAL FRAMING FIN INSTALLATION

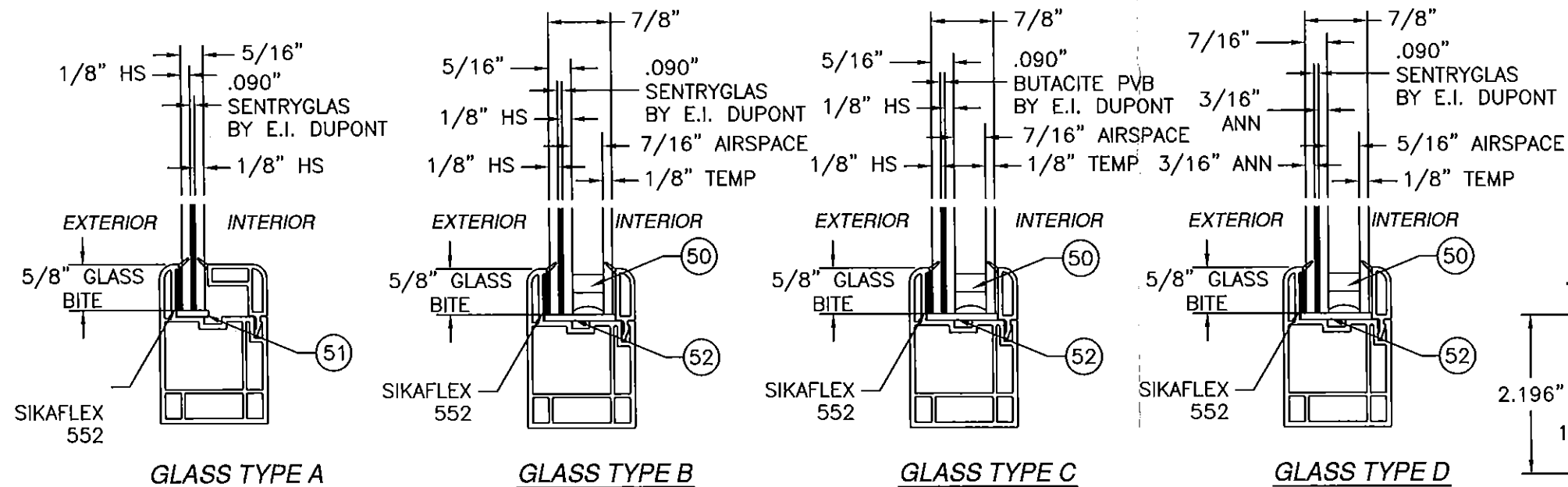
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1125.03
Expiration Date 12/23/2020
By *Manuel Perez*
Miami Dade Product Control

PGT INDUSTRIES
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

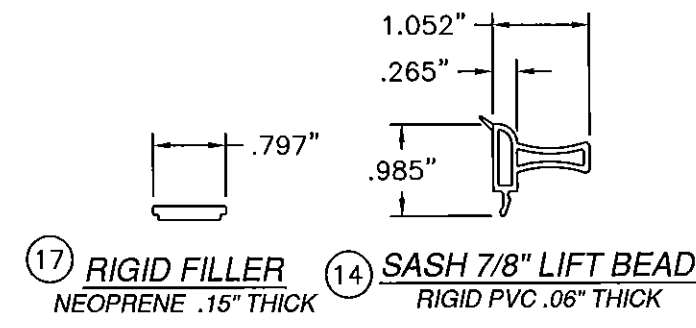
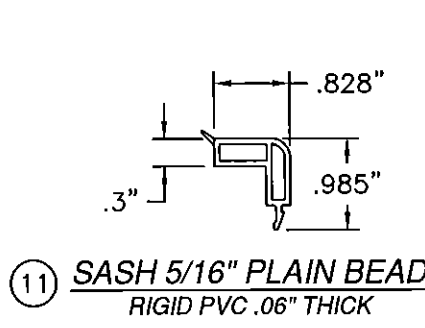
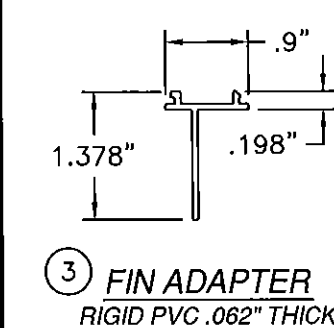
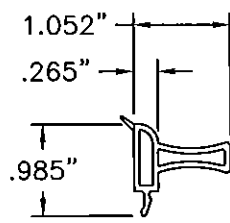
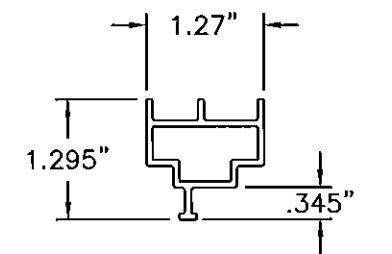
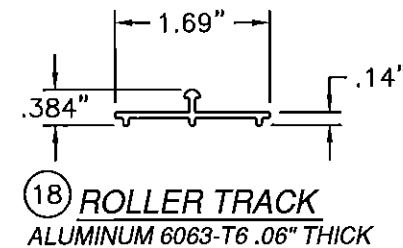
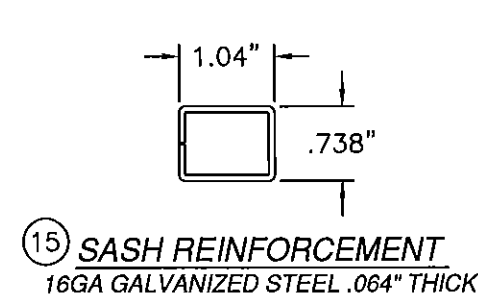
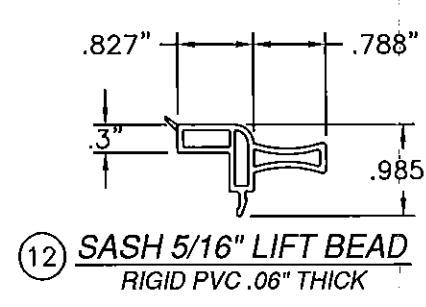
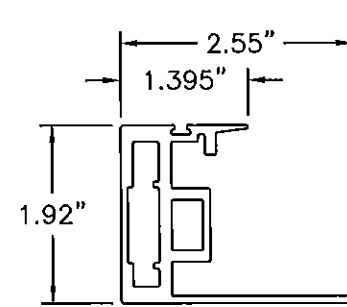
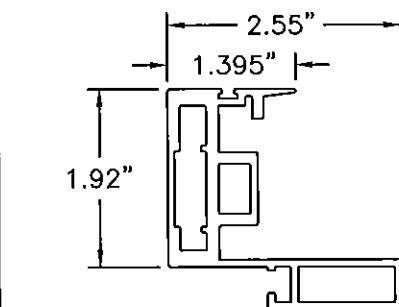
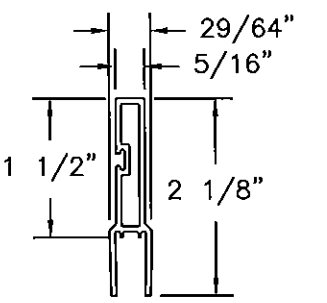
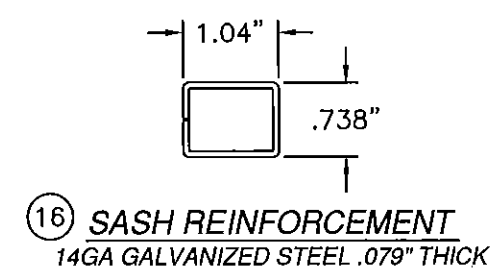
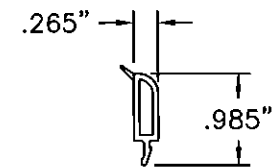
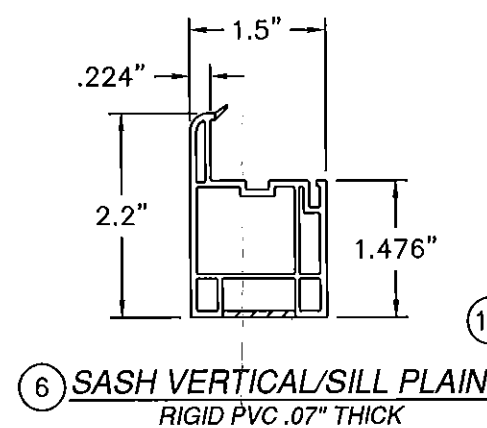
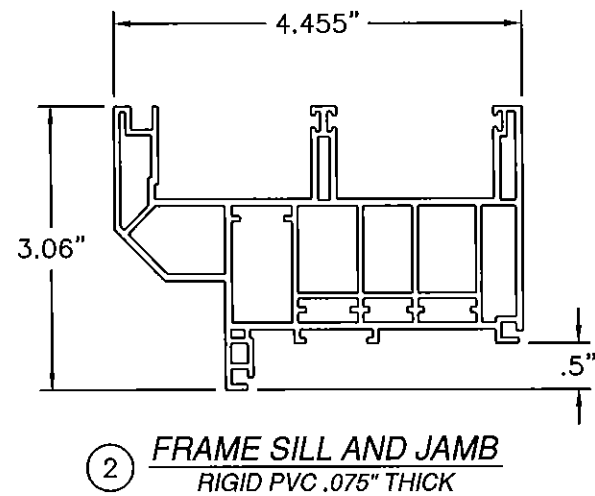
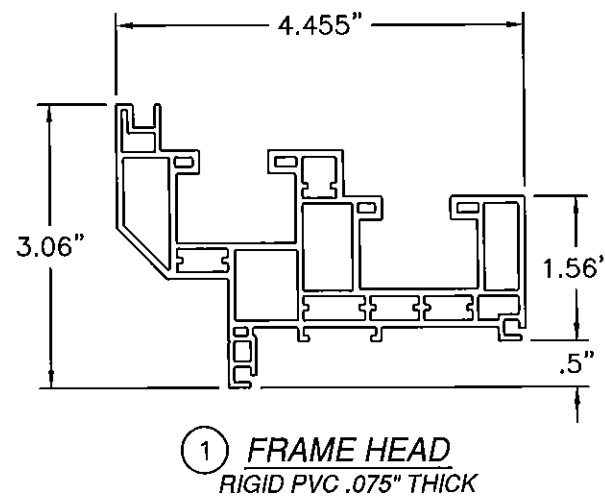
2/3LT HR2710MI PVC HORIZONTAL ROLLER LMI
INSTALLATION DETAILS

DRAWN: TJH	DWG NO. 08-00883	REV D
SCALE NTS	DATE 10/27/09	SHEET 10 OF 11





REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED GLASS TYPE D, UPDATED TO FBC 5TH ED.	05/20/15	JR



PRODUCT REVISED
 as complying with the Florida
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 Expiration Date 12/31/2020
 by Manuel Perez
 Miami Dade Product Control

PGT INDUSTRIES
 1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275

2/3LT HR2710MI PVC HORIZONTAL ROLLER LMI
 COMPONENTS AND GLAZING DETAILS

DRAWN: TJH	DWG NO. 08-00883	REV D
SCALE NTS	DATE 10/27/09	SHEET 11 OF 11

